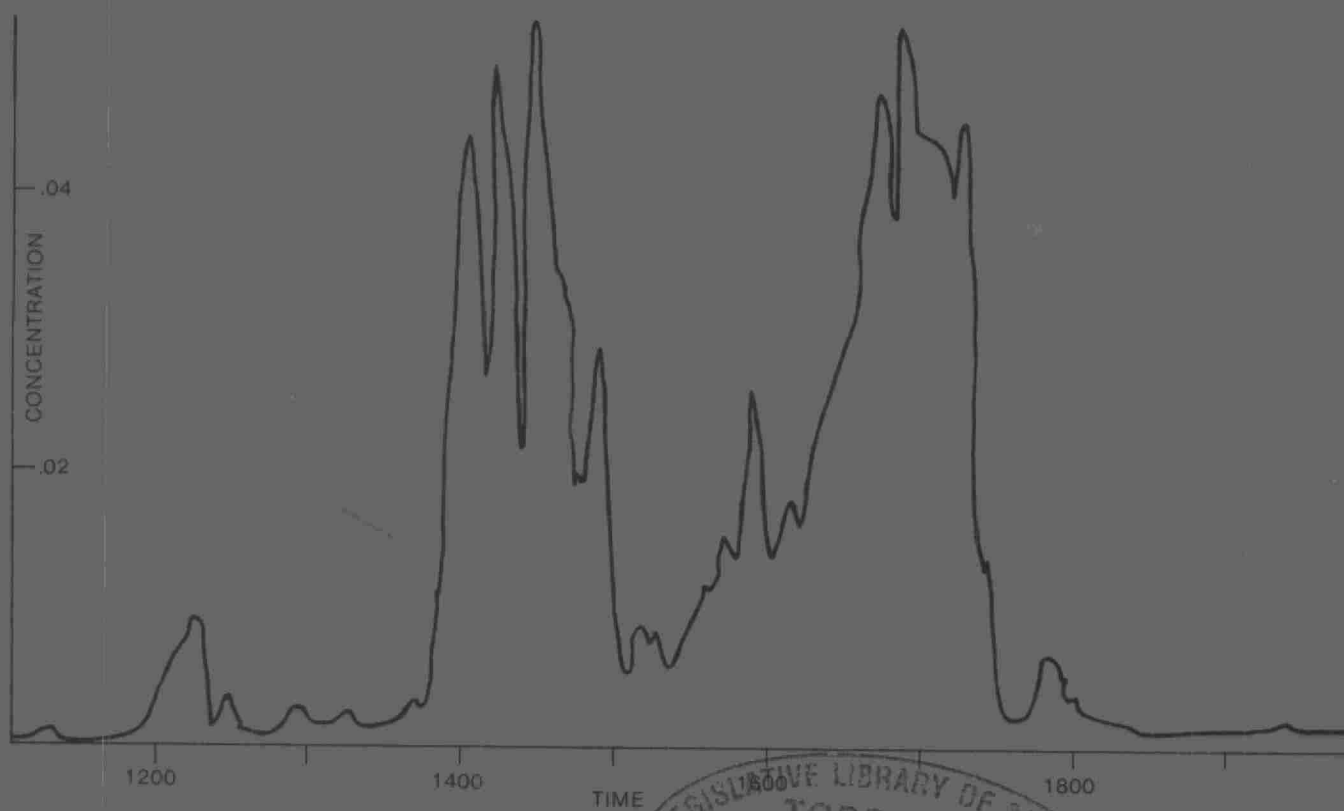


AIR QUALITY MONITORING REPORTS 1980

Volume 3

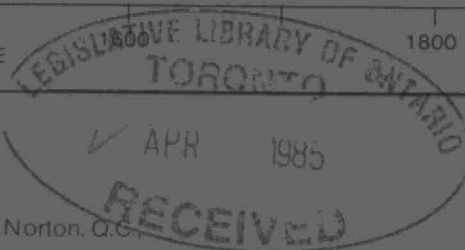
Report No. ARB-37-81 AQM



Ministry
of the
Environment

Hon. Keith C. Norton, O.C.
Minister

Gérard J. M. Raymond
Deputy Minister



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AIR QUALITY MONITORING REPORT

ONTARIO 1980

VOL. 3



Ministry
of the
Environment

Hon. Keith C. Norton, Q.C.,
Minister

Gérard J. M. Raymond
Deputy Minister

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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES												UNITS - 0.1 COMS/1000 FT	
STATION - SW NO 15003 362 DUNDAS ST LONDON												MONTH - JAN 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19	5	0	1	0	3	2	1	2	3	2	2	0	2
20	2	2	0	0	1	0	3	0	0	0	1	3	1
21	1	0	1	1	4	6	5	5	2	3	2	2	3
22	2	0	0	1	3	1	5	1	3	2	2	0	2
23	2	2	4	2	4	1	0	2	3	3	2	0	2
24	1	1	0	6	5	2	1	3	5	5	1	2	3
25	2	2	2	0	6	3	2	5	6	5	0	7	4
26	4	1	4	0	1	5	1	2	4	2	2	0	2
27	1	1	4	2	2	4	0	0	4	1	5	2	2
28	0	2	2	2	5	6	4	2	4	9	2	1	3
29	2	3	0	3	4	2	2	2	2	6	2	0	2
30	2	0	0	0	0	0	6	2	2	2	2	3	2
31	0	0	2	2	0	2	0	2	2	1	0	0	1
MEAN	2	1	2	1	3	3	2	2	3	3	2	2	2.1

PERCENTAGE OF DATA VALID - 43.3 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 56.5

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES												UNITS - 0.1 COMS/1000 FT	
STATION - SW NO 15003 362 DUNDAS ST LONDON												MONTH - FEB 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	1	2	2	1							*****
2													
3													
4													
5													
6													
7	0	0	2	3	2	2	2	3	4	1	5	3	3
8	1	0	3	1	3	4	4	4	0	1	2	3	2
9	2	2	3	4	3	1	2	2	2	0	3	5	2
10	3	2	3	1	2	3	2	2	0	0	1	2	2
11	3	1	2	0	5	0	0	4	0	2	2	2	2
12	1	2	1	1	2	2	2	2	4	3	2	4	2
13	2	4	2	4	6	5	2	1	5	4	2	2	2
14	2	3	2	2	3	2	2	2	2	3	3	1	2
15	5	5	1	2	3	2	2	1	2	3	2	3	3
16	2	2	1	2	2	3	0	0	3	4	0	0	2
17	1	3	0	0	1	2	0	2	0	2	1	4	1
18	2	4	5	2	0	4	3	2	3	4	2	2	3
19	2	2	5	2	4	4	3	2	3	4	7	4	4
20	4	5	4	3	4	8	10	8	6	9	6	7	6
21	6	5	5	4	2	3	5	2	2	2	4	3	4
22	1	4	2	1	3	2	4	5	3	2	2	2	3
23	1	1	2	2	3	2	2	1	2	0	3	4	2
24	5	2	2	2	1	0	2	1	3	2	2	4	2
25	1	2	0	4	1	1	2	2	2	0	0	2	1
26	2	0	2	3	4								*****
27													
28	****	****	****	****	****	2	3	2	2	3	2	2	*****
29	3	2	2	0	0	4	0	0	2	3	2	2	2
MEAN	2	2	2	2	2	3	3	2	2	2	3	3	2.4

PERCENTAGE OF DATA VALID - 76.4 PERCENTAGE OF DATA INVALID - 7.2 PERCENTAGE OF DATA UNAVAILABLE - 16.4

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COMS/1000 FT													
STATION - SW NO 15003 362 DUNDAS ST LONDON													
MONTH - MAR 80													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	3	2	1	2	3	2	0	4	2	4	1	2
2	1	3	3	1	2	6	2	2	2	3	2	2	2
3	4	3	1	2	4	3	2	3	3	2	4	2	3
4	1	3	3	3	3	7	2	2	0	2	3	0	2
5	0	1	2	2	1	2	6	2	2	1	3	2	2
6	2	3	0	7	2	2	4	0	2	0	2	2	2
7	2	0	2	5	3	2	2	4	2	0	3	2	2
8	0	1	6	6	2	3	2	0	2	4	3	0	2
9	1	1	3	2	4	1	3	4	2	1	1	1	2
10	2	0	2	2	2	2	1	3	1	1	0	3	2
11	1	0	2	4	2	0	2	1	2	0	2	2	2
12	2	1	0	5	2	1	2	***	1	4	2	0	2
13	3	1	0	0	3	4	1	2	2	0	2	2	2
14	0	0	2	4	0	1	1	2	2	2	4	3	2
15	0	2	0	2	3	1	5	2	0	1	6	3	2
16	1	2	1	1	2	2	2	2	3	2	0	2	2
17	2	1	0	2	1	0	2	2	0	4	3	2	2
18	2	2	2	0	6	4	1	4	2	2	4	7	3
19	2	0	6	3	2	7	1	4	2	4	3	2	3
20	3	3	2	4	5	2	4	2	1	0	3	1	3
21	1	2	2	1	1	1	4	0	2	4	0	3	2
22	2	3	1	3	2	1	2	0	0	4	2	2	2
23	2	4	3	2	5	6	2	4	4	3	1	7	4
24	2	0	2	2	2	0	4	2	2	4	0	0	2
25	1	1	2	3	3	2	0	1	4	0	2	4	2
26	3	0	6	5	1	3	0	0	4	5	3	2	3
27	5	4	4	4	2	3	3	3	2	1	3	2	3
28	3	5	4	4	2	2	4	1	2	3	0	2	3
29	2	4	1	1	2	2	2	2	0	0	3	2	2
30	2	2	2	1	2	1	1	1	2	1	0	3	2
31	2	2	2	0	2	2	2	1	2	1	2	2	4
MEAN	2	2	2	3	2	2	2	2	2	2	2	2	2.2

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COMS/1000 FT													
STATION - SW NO 15003 362 DUNDAS ST LONDON													
MONTH - APR 80													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	2	0	2	****	0	4	3	1	4	2	2
2	1	3	2	4	2	2	0	0	3	2	2	3	2
3	5	2	0	4	2	0	2	3	0	1	1	1	2
4	0	3	2	2	0	0	0	0	1	0	0	2	1
5	2	0	2	2	0	0	2	0	0	4	2	2	1
6	0	1	2	0	0	2	1	0	0	2	2	1	1
7	2	2	2	1	5	5	1	3	4	2	0	2	2
8	2	1	2	0	***	2	2	2	2	2	1	3	2
9	0	1	0	0	4	2	2	3	3	1	2	3	2
10	2	0	1	1	0	3	1	0	2	2	3	2	1
11	2	2	2	3	0	3	2	0	2	1	2	1	2
12	2	1	1	3	1	2	2	4	4	4	3	0	2
13	0	2	3	0	0	2	0	0	2	5	0	2	1
14	0	0	2	2	3	0	4	2	3	3	3	2	2
15	0	0	0	2	2	2	2	2	2	0	0	2	1
16	0	0	2	0	0	2	2	0	0	2	0	0	1
17	2	4	2	2	5	0	0	3	2	3	2	3	2
18	3	0	5	5	0	4	3	0	0	2	0	2	2
19	5	13	7	7	3	0	4	2	0	3	3	1	4
20	2	2	0	3	2	0	0	3	0	0	3	2	1
21	0	0	2	0	2	3	3	0	2	2	0	0	1
22	2	2	0	3	5	****	9	5	7	***	2	3	4
23	3	3	2	0	2	2	2	0	3	2	0	3	2
24							- DATA INVALID -						
25							- DATA INVALID -						
26							- DATA INVALID -						
27							- DATA INVALID -						
28							- DATA INVALID -						
29							- DATA INVALID -						
30							- DATA INVALID -						
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 75.6

PERCENTAGE OF DATA INVALID - 24.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 15003 362 DUNDAS ST LONDON													MONTH - MAY 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1													- DATA INVALID -	
2													- DATA INVALID -	
3													- DATA INVALID -	
4													- DATA INVALID -	
5													- DATA INVALID -	
6													- DATA INVALID -	
7													- DATA INVALID -	
8	----	----	----	----	----	3	0	2	3	0	0	0	-----	
9	2	2	2	0	0	5	0	2	2	2	0	3	2	
10	2	2	0	2	2	3	0	2	3	2	0	2	2	
11	2	0	3	0	4	5	0	0	2	2	0	3	2	
12	3	3	3	3	3	0	0	0	0	5	0	0	3	
13	2	2	2	3	2	0	2	0	3	3	1	2	2	
14	0	3	2	3	0	4	2	0	2	2	2	2	2	
15	2	2	4	7	5	3	0	3	2	0	2	3	3	
16	2	2	3	7	0	0	2	2	0	1	4	0	2	
17	4	0	2	2	2	3	5	2	1	3	2	3	2	
18	0	5	0	3	5	2	0	2	1	3	0	0	2	
19	1	2	0	2	0	0	3	2	0	0	0	0	1	
20	0	3	2	3	2	5	2	3	0	4	3	2	2	
21	2	0	2	2	2	3	3	2	0	2	3	5	2	
22	3	3	7	5	5	3	4	5	5	7	2	5	5	
23	0	5	7	7	5	3	0	2	3	2	9	3	4	
24	5	0	2	5	4	0	2	3	2	2	2	3	3	
25	2	3	3	2	0	2	0	0	0	0	3	0	1	
26	0	2	3	0	3	2	2	---	2	2	2	0	2	
27	0	2	2	0	2	4	0	2	2	2	4	0	2	
28	2	5	5	7	0	3	5	2	3	3	4	3	3	
29	2	3	3	3	5	3	5	5	2	3	2	2	3	
30	3	7	6	5	1	2	2	4	3	2	2	2	3	
31	1	2	2	4	1	1	2	0	2	0	2	0	1	
MEAN	2	3	3	3	2	2	2	2	2	2	2	2	2.3	

PERCENTAGE OF DATA VALID - 75.8 PERCENTAGE OF DATA INVALID - 24.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ----- INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. --- INDICATES DATA IS UNAVAILABLE
 3. ----- INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 15003 362 DUNDAS ST LONDON													MONTH - JUN 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	0	0	0	2	2	0	2	2	2	2	1	
2	2	0	5	4	2	4	4	0	4	1	1	2	2	
3	2	3	2	2	3	0	2	0	0	2	0	2	2	
4	2	0	2	2	2	2	1	0	3	2	2	1	2	
5	1	2	4	5	2	1	3	0	2	3	0	0	2	
6	4	4	2	3	2	4	7	5	3	4	3	2	4	
7	1	2	2	3	2	5	1	2	2	2	2	3	2	
8	0	2	0	2	2	2	0	2	1	2	0	2	1	
9	2	2	2	3	0	---	3	2	1	2	2	2	2	
10	0	1	2	2	2	2	2	1	2	1	0	3	2	
11	4	1	1	1	2	0	3	2	4	8	6	7	2	
12	12	5	3	3	2	4	1	2	1	1	0	2	3	
13	7	6	3	2	2	0	2	3	1	4	3	6	3	
14	5	3	6	6	1	3	3	5	3	4	5	4	4	
15	2	4	4	3	3	1	2	0	3	0	2	1	2	
16	0	2	4	1	0	2	2	1	2	3	0	2	3	
17	0	2	2	5	1	1	2	2	2	1	3	2	2	
18	3	3	3	2	3	2	4	3	3	0	4	0	2	
19	1	3	3	---	5	1	2	7	2	3	0	0	2	
20	1	0	2	2	2	2	2	0	2	0	0	3	1	
21	0	2	1	3	1	2	2	1	1	1	4	2	2	
22	2	4	5	2	4	1	2	0	2	2	2	3	2	
23	2	2	9	5	3	2	2	4	1	4	3	7	3	
24	9	6	9	12	8	7	3	5	3	2	3	6	6	
25	1	4	6	3	5	2	3	3	3	0	2	5	3	
26	2	3	2	5	3	5	3	3	5	3	3	0	3	
27	4	2	2	2	1	2	3	2	0	1	3	2	2	
28	0	2	1	3	2	1	4	1	0	3	0	4	2	
29	3	1	3	1	2	2	0	1	3	0	0	2	2	
30	2	2	1	0	3	0	2	0	0	2	0	2	1	
MEAN	3	3	3	3	2	2	2	2	2	2	2	3	2.3	

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ----- INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. --- INDICATES DATA IS UNAVAILABLE
 3. ----- INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COMS/1000 FT	
STATION - SW NO 15003 362 DUNDAS ST LONDON														MONTH - JUL 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	2	2	2	0	3	0	1	0	3	2	2	5	2		
2	1	4	0	4	0	2	2	1	0	1	2	2	2		
3	1	2	2	0	2	2	2	0	1	1	2	2	1		
4	2	2	6	4	5	2	4	0	2	2	6	2	3		
5	6	2	0	2	3	3	2	0	2	0	2	0	2		
6	0	2	1	2	0	0	2	0	0	2	2	2	1		
7	4	2	4	10	0	3	2	2	2	2	2	2	3		
8	2	2	2	3	0	2	1	0	4	0	0	2	2		
9	2	2	2	2	5	3	1	4	4	2	2	6	3		
10	4	4	7	6	4	6	2	2	3	3	2	5	4		
11	2	4	2	7	3	3	2	0	0	2	1	0	2		
12	2	1	2	2	0	0	2	0	2	2	0	2	1		
13	2	4	0	2	1	0	0	0	2	1	0	0	1		
14	3	2	1	6	0	4	2	2	2	2	2	2	2		
15	2	2	1	4	4	4	2	2	5	1	4	2	3		
16	2	2	3	2	6	6	2	2	1	2	1	2	3		
17	1	2	2	2	***	2	1	2	2	2	2	1	2		
18	2	0	2	4	6	0	5	0	0	2	1	0	2		
19	0	2	2	2	2	1	4	2	2	2	2	2	2		
20	3	2	2	2	2	0	3	2	3	2	4	2	2		
21	3	0	1	3	2	1	0	0	0	1	1	2	1		
22	2	0	3	2	6	0	2	3	0	2	3	0	2		
23	3	0	0	3	2	0	0	0	4	0	2	2	1		
24	1	0	1	2	2	2	2	0	0	2	2	2	2		
25	1	1	2	2	2	2	0	3	2	2	3	2	2		
26	2	2	2	2	4	2	3	2	1	1	1	7	3		
27	2	4	2	3	2	6	0	2	1	2	0	2	2		
28	2	2	2	3	2	0	3	1	0	2	0	2	2		
29	0	2	1	2	***	4	0	0	2	3	2	6	2		
30	1	2	2	1	2	4	0	1	2	0	3	3	2		
31	5	4	3	1	2	2	2	1	1	2	2	2	2		
MEAN	2	2	2	3	3	2	2	1	2	2	2	2	2.0		

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COMS/1000 FT	
STATION - SW NO 15003 362 DUNDAS ST LONDON														MONTH - AUG 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	2	4	1	3	2	4	1	1	1	2	3	6	3		
2	1	3	2	2	2	1	1	3	0	2	0	1	2		
3	0	0	1	1	1	0	0	1	0	0	4	2	1		
4	4	0	1	2	1	0	2	1	1	1	1	2	1		
5	0	1	2	3	2	2	1	2	1	1	2	5	2		
6	0	0	2	1	2	3	1	1	2	3	3	2	2		
7	3	2	2	2	1	2	2	2	1	1	4	3	2		
8	3	2	2	4	2	1	1	3	1	2	1	0	2		
9	2	2	2	0	1	1	2	0	2	1	0	0	1		
10	0	2	2	0	1	0	1	0	2	0	2	2	1		
11	2	2	2	2	2	2	2	1	0	2	1	2	2		
12	0	2	2	2	1	0	4	0	1	1	0	2	1		
13	2	1	3	2	1	1	2	0	0	0	2	0	1		
14	2	2	2	1	1	1	4	0	2	2	2	1	2		
15	0	1	1	0	0	0	1	1	1	1	0	0	1		
16	2	1	1	0	0	2	0	0	0	2	2	2	1		
17	1	2	2	2	1	1	0	0	1	2	1	2	1		
18	1	1	2	2	2	2	5	1	2	1	0	5	2		
19	4	0	1	1	4	0	***	0	2	2	4	2	2		
20	0	4	2	2	4	0	2	2	2	5	1	2	2		
21	4	5	2	4	4	0	5	2	1	6	7	2	4		
22	1	0	2	2	0	2	1	0	2	2	1	1	1		
23	2	1	2	0	2	0	2	2	1	1	2	0	1		
24	2	2	2	1	3	0	2	1	2	2	2	2	2		
25	4	1	11	3	2	4	2	1	0	4	1	1	3		
26	3	2	2	4	3	4	4	4	6	2	6	5	4		
27	3	2	4	8	2	4	4	3	3	4	6	7	4		
28	1	2	7	5	4	2	4	3	4	2	1	1	3		
29	0	5	5	4	2	7	3	2	4	4	5	2	4		
30	4	4	5	8	2	2	2	4	2	0	1	2	1		
31	0	2	2	2	4	0	2	0	3	0	4	0	2		
MEAN	2	2	2	2	2	2	2	1	2	2	2	2	1.9		

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CGHS/1000 FT	
STATION - SW NO 15003 362 DUNDAS ST LONDON													MONTH - SEP 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	1	1	2	2	0	0	1	2	4	0	2	1	1
2	0	2	3	5	2	4	0	2	0	4	4	1	2	2
3	1	1	0	6	4	3	0	2	1	1	2	2	3	2
4	3	2	2	8	4	2	0	2	4	1	1	2	3	3
5	4	1	2	2	3	2	0	2	2	2	3	3	2	2
6	5	2	2	1	2	0	2	2	0	1	3	1	2	2
7	6	1	2	2	1	2	1	0	2	1	1	5	2	2
8	2	6	6	5	5	2	2	1	4	2	3	1	3	3
9	1	0	2	6	6	1	2	0	1	1	0	0	2	2
10	1	0	1	0	1	0	0	0	0	2	2	0	1	1
11	0	2	2	1	2	1	2	0	2	2	1	3	2	2
12	0	4	0	5	1	0	1	3	1	3	0	2	2	2
13	0	1	2	4	2	1	2	1	2	2	4	3	2	2
14	2	3	1	2	2	2	2	0	0	1	2	0	1	1
15	0	0	0	1	1	2	0	1	2	2	0	2	1	1
16	1	1	2	3	4	1	1	2	1	4	0	2	2	2
17	0	2	0	5	2	1	2	0	2	1	1	0	1	1
18	0	2	5	3	0	1	2	2	1	0	2	2	2	2
19	2	1	2	2	2	2	1	2	2	3	2	0	2	2
20	2	1	2	2	4	2	2	1	2	7	4	3	3	3
21	4	2	3	0	2	2	3	0	2	1	1	2	2	2
22	1	0	2	2	2	2	2	4	2	3	1	0	2	2
23	0	1	1	1	4	0	0	1	2	0	1	5	1	1
24	0	0	2	5	4	1	2	2	0	4	3	1	2	2
25	1	4	2	6	4	1	0	3	1	4	1	0	2	1
26	1	2	0	0	1	0	1	0	1	0	1	0	1	1
27	1	2	0	1	2	0	0	0	2	1	0	2	1	1
28	2	0	0	2	1	1	0	0	3	2	1	2	1	1
29	1	0	1	1	2	2	0	1	3	2	4	1	2	2
30	2	2	6	2	3	3	5	2	1	2	4	2	3	3
MEAN	1	2	2	3	2	1	1	1	2	2	2	2	1.7	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CGHS/1000 FT	
STATION - SW NO 15003 362 DUNDAS ST LONDON													MONTH - OCT 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	2	2	4	3	4	2	2	2	2	2	2	3	3
2	0	0	2	2	2	2	1	1	4	0	4	0	1	1
3	3	0	0	3	1	1	0	0	0	2	0	2	1	1
4	0	2	1	2	1	2	1	0	2	0	2	2	1	1
5	2	2	1	1	0	3	0	0	1	3	2	1	1	1
6	0	2	2	2	0	2	1	2	2	2	1	0	1	1
7	0	1	4	12	1	0	2	0	2	5	4	2	3	3
8	2	4	2	2	2	1	4	2	1	2	0	2	2	1
9	2	1	0	0	4	0	3	0	1	0	2	3	1	1
10	2	2	2	5	0	2	0	2	0	3	2	2	2	2
11	2	0	2	3	2	0	2	2	1	0	2	0	1	1
12	1	0	0	2	0	1	2	2	0	0	0	0	1	1
13	0	2	1	2	2	0	2	1	2	0	1	2	1	1
14	2	0	2	1	0	0	0	2	4	4	0	2	2	2
15	1	0	2	1	1	2	2	4	4	2	2	4	3	3
16	1	1	2	4	2	4	2	4	5	6	2	0	2	2
17	5	3	3	6	1	3	2	1	3	1	0	0	2	1
18	2	0	2	2	0	1	0	1	1	2	2	2	1	1
19	0	0	1	1	3	1	0	0	1	2	1	0	1	1
20	0	0	1	2	1	2	1	0	2	2	1	1	1	1
21	0	2	0	4	1	2	2	1	0	0	4	0	1	1
22	1	2	0	1	2	0	0	2	0	0	1	2	1	1
23	3	3	2	0	4	0	1	2	1	1	2	2	2	2
24	1	2	2	3	0	2	0	2	2	2	2	1	2	2
25	1	2	0	2	1	1	0	2	0	1	1	2	1	1
26	2	0	2	2	2	2	1	2	1	2	2	0	2	2
27	2	2	0	2	2	0	0	3	2	0	2	2	1	1
28	0	3	0	2	1	1	0	1	1	2	2	2	1	1
29	1	2	0	2	2	0	0	4	2	2	1	3	2	2
30	2	1	1	2	4	2	2	2	2	2	2	2	2	2
31	2	1	2	2	3	***	0	2	2	0	1	0	1	1
MEAN	1	1	1	3	1	1	1	2	2	2	2	1	1.5	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 15003 362 DUNDAS ST LONDON													MONTH - NOV 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	0	2	1	0	0	1	1	1	2	1	1
2	0	1	0	0	1	2	0	0	2	2	1	2	2	1
3	1	1	0	5	1	2	0	3	2	3	2	2	2	2
4	0	0	2	1	1	3	3	1	2	1	2	0	1	1
5	2	0	2	2	1	1	0	1	2	0	2	2	1	1
6	2	1	1	2	1	1	2	1	3	1	1	2	1	1
7	0	0	2	2	3	2	3	4	2	3	1	2	2	2
8	0	0	2	0	1	2	0	0	2	1	0	2	1	1
9	1	2	2	1	2	1	1	2	1	2	0	1	1	1
10	0	0	0	0	0	2	0	0	1	2	1	0	1	1
11	2	0	0	0	0	1	0	0	0	1	0	0	0	0
12	2	0	0	0	0	0	1	0	2	1	1	1	1	1
13	2	2	1	1	2	1	2	3	4	6	4	4	3	3
14	3	3	0	0	0	1	1	2	1	0	0	0	1	1
15	0	2	2	0	0	0	0	1	0	2	2	0	1	1
16	2	0	0	0	0	2	1	1	0	2	3	0	1	1
17	3	3	1	2	2	***	0	4	0	4	2	0	2	2
18	4	0	2	2	4	1	0	2	2	0	2	2	2	2
19	1	0	0	4	0	2	2	0	4	0	3	8	2	2
20	2	2	4	4	0	2	2	2	4	0	2	2	2	2
21	2	2	2	5	2	4	1	0	2	0	2	2	2	2
22	0	2	2	2	2	2	2	1	4	4	1	2	2	2
23	2	2	0	4	4	2	2	2	2	5	0	2	2	2
24	1	2	0	2	2	2	0	0	0	0	2	0	1	1
25	0	0	0	0	0	0	2	0	0	2	1	0	0	0
26	0	2	0	4	2	1	2	2	4	4	4	2	2	2
27	2	0	0	2	2	4	2	0	0	2	0	2	1	1
28	2	2	0	2	2	2	2	2	6	2	2	2	2	2
29	0	0	0	2	0	0	0	0	2	0	0	2	1	1
30	2	0	2	2	0	2	0	0	2	0	0	2	1	1
MEAN	1	1	1	2	1	2	1	1	2	2	1	2	1.4	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SW NO 15003 362 DUNDAS ST LONDON													MONTH - DEC 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	0	1	3	4	2	2	2	2	4	6	2	2	2
2	1	0	3	2	2	1	2	2	2	2	0	0	1	1
3	2	0	0	0	0	0	0	0	1	1	0	0	0	0
4	0	4	0	2	0	0	4	1	2	2	1	2	2	2
5	2	1	4	2	2	0	2	2	2	2	0	2	2	2
6	2	2	1	2	2	0	4	2	2	2	0	2	2	2
7	4	6	2	2	6	5	4	4	6	3	4	2	4	4
8	2	3	0	2	2	0	0	1	2	2	0	2	1	1
9	0	0	0	0	4	2	4	0	2	2	0	2	1	1
10	0	0	2	0	2	2	2	4	2	0	6	2	2	2
11	0	0	2	2	0	2	2	0	2	2	2	3	1	1
12	0	4	2	4	1	4	2	4	2	2	4	4	3	3
13	2	2	0	0	2	2	0	3	0	4	4	1	2	2
14	2	4	8	0	2	2	3	2	1	2	2	1	2	2
15	0	2	2	8	10	12	2	2	7	2	2	5	5	5
16	4	4	2	0	0	2	0	1	2	2	1	0	2	2
17	2	0	0	0	4	6	0	0	2	4	2	0	2	2
18	2	0	4	2	1	0	0	2	0	2	0	1	2	2
19	0	0	0	0	4	2	4	0	2	0	0	2	1	1
20	2	0	2	5	4	2	0	0	0	0	0	10	2	2
21	2	2	4	4	4	2	2	0	2	2	5	4	3	3
22	2	2	1	5	5	2	2	2	2	2	2	5	3	3
23	3	3	4	4	4	4	2	6	4	4	4	5	4	4
24	3	4	4	4	2	2	1	0	1	0	2	0	2	2
25	0	2	2	0	2	2	2	1	0	5	2	2	2	2
26	0	2	0	2	3	3	1	0	2	0	8	2	2	2
27	2	6	12	12	14	5	2	2	2	2	6	4	6	6
28	4	2	4	6	5	5	5	3	6	4	5	4	4	4
29	4	2	5	2	6	4	4	0	6	0	0	2	3	3
30	2	0	0	0	2	2	2	2	2	2	0	1	1	1
31	2	4	0	0	2	2	1	2	2	0	2	0	1	1
MEAN	2	2	2	2	3	3	2	2	2	2	2	2	2.2	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 CGMS/1000 FT

STATION - SW NO 15003 362 DUNDAS ST LONDON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	13	2.1	4	9
FEB	21	2.4	6	10
MAR	31	2.2	4	7
APR	23	1.8	4	13
MAY	23	2.3	5	9
JUN	30	2.3	6	12
JUL	31	2.0	4	10
AUG	31	1.9	4	8
SEP	30	1.7	3	8
OCT	31	1.5	3	12
NOV	30	1.4	3	8
DEC	31	2.2	6	14
YEAR	325	2.0	6	14

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 CGMS/1000 FT

STATION - SW NO 15003 362 DUNDAS ST LONDON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	139	22	0	0	0	0	0	161
FEB	241	25	0	0	0	0	0	266
MAR	348	23	0	0	0	0	0	371
APR	257	14	1	0	0	0	0	272
MAY	246	36	0	0	0	0	0	282
JUN	319	37	2	0	0	0	0	358
JUL	346	24	0	0	0	0	0	370
AUG	347	24	0	0	0	0	0	371
SEP	339	21	0	0	0	0	0	360
OCT	362	7	1	0	0	0	0	370
NOV	353	6	0	0	0	0	0	359
DEC	334	34	4	0	0	0	0	372
YEAR	3631	273	8	0	0	0	0	3912

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
89.1	0	0.0	0.5	1.4	1.9	3.7	4.6	5.8	6.8	14	2.0

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 CGHS/1000 FT	
STATION - WC NO 21006 POST OFFICE BRANTFORD														MONTH - JAN 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	3	0	2	0	0	2	2	0	0	2	0	2	1		
2	5	1	3	1	2	6	0	1	1	0	1	3	2		
3	5	0	2	1	***	4	1	2	2	4	5	1	2		
4	4	0	2	2	4	3	2	0	3	0	4	2	2		
5	2	2	2	2	0	0	3	2	2	2	2	1	2		
6	3	2	0	3	2	0	4	2	2	2	5	2	2		
7	0	2	1	3	0	0	0	2	2	0	2	2	1		
8	1	2	1	3	0	3	2	2	2	2	2	0	2		
9	0	0	2	1	2	3	1	0	1	2	2	3	1		
10	0	1	1	4	3	2	3	2	2	2	2	4	2		
11	3	2	3	0	2	2	1	3	2	1	1	4	2		
12	1	2	0	1	2	0	0	2	0	1	2	5	1		
13	2	2	0	1	2	2	0	2	2	2	2	0	1		
14	2	4	2	2	0	2	2	3	3	0	2	1	2		
15	0	2	2	0	2	2	2	0	3	0	2	1	2		
16	4	2	0	1	1	2	1	0	3	1	1	1	1		
17	3	3	4	2	3	2	2	2	2	3	0	1	2		
18	2	3	2	0	3	2	1	3	3	1	0	0	2		
19	0	1	0	0	5	0	0	0	3	2	0	4	2		
20	4	0	2	0	0	2	1	2	2	1	1	0	1		
21	0	1	0	1	***	2	2	1	3	2	3	2	2		
22	2	0	3	2	0	3	3	3	2	4	1	1	2		
23	3	0	3	2	4	0	3	7	0	1	2	2	2		
24	1	3	1	2	2	2	3	0	0	1	2	2	2		
25	4	2	2	3	3	3	2	1	0	3	2	2	2		
26	3	0	1	2	0	0	1	1	4	1	2	4	3		
27	2	0	0	0	2	2	0	0	0	2	1	2	1		
28	2	1	2	0	2	6	0	0	2	3	2	4	2		
29	2	1	2	4	0	4	1	2	2	0	2	0	2		
30	1	2	0	1	2	2	2	0	3	2	1	2	2		
31	4	6	1	3	0	0	0	1	0	1	2	2	2		
MEAN	2	2	1	1	2	2	1	2	2	2	2	2	1.7		

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 CGHS/1000 FT	
STATION - WC NO 21006 POST OFFICE BRANTFORD														MONTH - FEB 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	1	2	1	1	2	3	2	1	2	2	1	3	2		
2	1	0	1	2	2	0	2	2	3	1	4	2	2		
3	0	0	2	3	0	2	2	1	0	2	0	2	1		
4	1	0	2	3	3	2	0	0	0	4	2	1	2		
5	0	2	3	1	5	2	2	2	2	2	2	3	2		
6	2	0	3	2	0	1	2	2	2	2	1	2	2		
7	2	2	0	1	2	0	0	3	2	2	2	3	2		
8	1	1	3	2	2	0	0	0	2	2	2	3	2		
9	2	1	0	0	2	2	0	0	2	2	1	1	1		
10	0	1	2	2	1	0	2	4	2	0	0	1	1		
11	1	1	2	2	2	0	3	2	3	0	0	2	2		
12	2	3	0	1	2	2	1	2	0	2	1	2	2		
13	3	3	0	0	***	0	2	2	1	1	2	2	1		
14	3	2	0	5	2	4	2	3	1	1	2	2	1		
15	0	5	2	0	5	1	2	2	0	0	0	0	2		
16	3	0	2	2	3	2	2	0	1	0	0	2	2		
17	2	0	1	2	0	4	0	2	1	1	2	2	1		
18	3	2	2	2	4	0	5	4	4	2	1	2	1		
19	1	0	0	4	4	6	0	2	4	2	2	7	3		
20	2	3	4	4	2	4	3	1	3	1	1	6	3		
21	2	3	0	5	2	0	0	2	4	2	0	0	2		
22	1	1	2	4	0	4	0	6	3	1	0	0	2		
23	1	1	2	0	0	1	2	3	0	2	0	3	1		
24	0	0	3	2	2	0	1	0	0	0	3	0	1		
25	1	0	0	3	3	***	***	2	2	2	3	1	2		
26	3	3	0	3	3	2	4	3	7	2	5	1	3		
27	0	2	1	2	4	3	0	0	9	2	0	4	2		
28	1	2	3	3	1	5	1	2	2	2	2	2	2		
29	2	0	3	0	0	0	2	2	0	4	0	0	1		
MEAN	1	1	2	2	2	2	2	2	2	2	1	2	1.7		

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CGMS/1000 FT	
STATION - WC NO 21006 POST OFFICE BRANTFORD													MONTH - MAR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	0	0	1	1	0	2	4	2	4	4	2	
2	1	5	3	3	3	5	0	5	2	3	2	2	3	
3	3	0	1	3	2	2	1	1	2	5	1	0	2	
4	0	0	3	2	2	5	1	0	5	2	3	0	2	
5	3	5	2	3	4	5	3	4	2	0	2	0	3	
6	0	5	5	2	0	2	0	2	0	0	2	2	1	
7	2	2	5	2	4	3	2	4	2	0	3	3	3	
8	0	3	0	2	4	2	0	0	5	1	0	3	2	
9	1	3	2	2	0	2	1	3	0	0	0	2	1	
10	3	0	3	0	0	2	4	5	2	2	0	2	2	
11	0	0	2	2	0	0	5	2	0	5	1	2	2	
12	1	2	2	2	2	2	2	0	1	2	2	2	2	
13	3	2	0	3	5	2	3	2	2	0	3	0	2	
14	0	3	3	1	3	0	0	5	1	0	7	2	2	
15	0	0	0	0	0	1	0	0	2	2	0	3	1	
16	5	2	4	2	0	1	5	2	0	0	2	3	2	
17	3	1	3	4	2	----	2	2	2	1	0	0	2	
18	4	2	0	0	3	2	0	0	0	2	2	2	1	
19	2	0	2	2	2	2	0	3	0	2	0	2	1	
20	9	2	3	3	2	2	2	1	2	1	3	1	3	
21	4	3	5	2	3	7	2	5	4	2	1	3	3	
22	2	2	1	0	4	1	1	0	2	0	6	5	2	
23	3	1	0	3	3	3	0	2	2	2	2	1	2	
24	3	4	6	2	0	2	0	6	3	1	1	2	3	
25	2	3	1	0	5	2	2	0	3	1	2	0	1	
26	0	2	0	2	2	2	0	2	2	0	0	0	2	
27	2	2	2	4	2	1	2	3	2	0	3	3	2	
28	2	5	3	0	2	5	2	2	2	0	1	0	2	
29	0	5	2	0	0	4	1	0	5	2	1	0	2	
30	2	3	5	0	2	3	0	2	0	0	2	0	2	
31	2	2	0	3	2	4	2	0	2	2	2	2	2	
MEAN	2	2	2	2	2	3	1	2	2	1	2	2	1.9	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "-----" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "-----" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CGMS/1000 FT	
STATION - WC NO 21006 POST OFFICE BRANTFORD													MONTH - APR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	0	2	0	3	2	3	1	7	2	1	0	2	
2	4	7	2	2	3	4	5	2	4	1	1	2	3	
3	4	1	2	0	0	3	3	2	1	3	2	3	2	
4	2	2	0	4	2	1	0	1	1	1	0	0	1	
5	0	0	2	3	2	1	2	2	0	1	0	0	1	
6	3	3	3	2	0	1	4	2	2	0	2	0	2	
7	0	3	2	3	3	4	3	2	0	5	1	2	2	
8	0	4	2	2	4	1	0	0	3	3	3	1	2	
9	2	7	2	0	4	2	1	3	3	0	0	0	2	
10	0	2	0	1	1	2	2	0	2	2	4	2	2	
11	0	0	2	2	3	2	2	0	3	2	0	1	1	
12	3	1	6	2	0	2	0	3	3	1	0	0	2	
13	3	2	0	2	0	2	0	1	1	1	3	0	1	
14	2	0	0	0	0	0	4	1	2	3	1	2	1	
15	4	1	-----	-----	-----	-----	0	0	0	0	0	0	1	
16	0	0	1	0	0	0	3	0	3	0	0	0	1	
17	0	0	1	2	0	0	5	0	0	0	0	0	1	
18	2	0	2	2	1	0	0	0	3	0	3	0	1	
19	3	1	0	1	0	3	1	2	4	0	1	0	1	
20	0	0	3	2	1	0	1	0	0	2	1	2	1	
21	1	1	7	0	0	2	2	0	1	2	3	0	2	
22	0	1	0	1	0	0	3	1	0	0	3	0	1	
23	2	5	0	0	1	2	2	0	0	0	2	6	2	
24	0	2	1	2	2	0	0	0	0	1	0	0	1	
25	3	0	2	2	0	2	1	0	0	2	1	0	1	
26	0	2	0	3	0	0	2	2	1	0	2	1	1	
27	3	3	1	0	1	0	2	2	0	2	0	3	1	
28	4	0	0	0	0	0	2	0	0	4	2	2	1	
29	0	2	1	1	0	2	0	2	0	1	1	0	1	
30	1	0	0	2	0	0	1	1	2	2	0	3	1	
MEAN	2	2	2	1	1	1	2	1	2	1	1	1	1.4	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "-----" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "-----" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 21006

POST OFFICE BRANTFORD

MONTH - MAY 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	0	2	0	3	0	3	0	2	0	4	1
2	2	5	4	----	0	0	0	0	0	0	1	3	1
3	0	0	0	2	0	1	0	0	0	0	1	0	0
4	1	2	2	2	0	0	1	1	0	0	0	1	1
5	1	0	0	0	0	0	0	0	0	5	2	0	1
6	0	0	0	0	0	1	1	0	2	0	0	0	0
7	0	2	2	0	1	0	1	0	0	0	0	0	1
8	0	0	0	0	0	1	0	2	0	0	1	0	0
9	0	0	0	0	0	3	0	0	1	1	2	0	1
10	1	0	0	2	0	0	0	2	1	0	0	0	1
11	3	2	0	2	2	0	0	0	2	0	0	1	1
12	1	1	6	0	2	0	0	2	2	0	2	1	1
13	1	0	1	0	2	0	1	0	0	3	2	0	1
14	2	0	0	3	0	1	0	0	0	2	2	2	1
15	0	0	0	1	0	0	0	0	0	0	2	0	0
16	0	0	0	0	0	2	0	0	2	0	2	0	1
17	0	0	0	0	2	0	0	0	0	0	0	0	0
18	0	2	2	2	4	0	0	0	0	0	0	0	1
19	2	2	0	2	0	2	1	1	0	0	0	0	1
20	0	1	0	0	0	0	2	0	0	2	1	0	1
21	0	0	3	0	0	2	0	2	0	1	0	0	1
22	3	0	2	0	0	0	3	2	0	2	0	0	1
23	0	0	1	0	0	1	0	1	0	1	0	1	0
24	2	0	1	1	2	0	2	0	0	0	0	0	1
25	0	0	0	0	3	1	0	1	0	0	0	0	1
26	0	0	2	0	----	-	-	-	-	0	2	-	-----
27													
28													
29													
30													
31													
MEAN	1	1	1	1	1	1	0	1	1	1	1	1	0.7

- DATA UNAVAILABLE -
- DATA UNAVAILABLE -
- DATA UNAVAILABLE -
- DATA UNAVAILABLE -
- DATA UNAVAILABLE -

PERCENTAGE OF DATA VALID - 81.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 18.0

NOTES 1. "-----" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "-----" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 21006

POST OFFICE BRANTFORD

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.7	3	7
FEB	29	1.7	3	9
MAR	31	1.9	3	9
APR	30	1.4	3	7
MAY	25	0.7	1	6
YEAR	146	1.5	3	9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 21006

POST OFFICE BRANTFORD

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	360	10	0	0	0	0	0	370
FEB	331	14	0	0	0	0	0	345
MAR	337	34	0	0	0	0	0	371
APR	346	10	0	0	0	0	0	356
MAY	300	3	0	0	0	0	0	303
YEAR	1674	71	0	0	0	0	0	1745

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
95.7	0	0.0	0.0	1.0	1.7	2.9	3.8	4.8	5.5	9	1.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 22086

CHEAPSIDE RD. 3 KM S OF HWY 3, NANTICOKE

MONTH - JAN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15	****	****	****	****	****	****	0	1	3	0	2	2	*****
16	0	2	0	2	0	0	4	0	2	0	2	0	1
17	0	2	2	2	0	3	0	0	7	2	3	0	1
18	1	2	0	0	3	0	2	0	0	1	0	0	2
19	2	0	0	2	0	0	2	0	2	0	2	2	1
20	0	4	2	0	0	2	0	0	0	1	2	0	1
21	0	3	0	0	2	0	2	0	0	2	0	0	1
22	2	0	3	0	5	2	0	0	2	2	2	0	2
23	2	2	0	0	4	2	0	2	0	0	5	0	1
24	0	2	2	2	2	3	0	2	0	0	2	0	1
25	0	3	5	0	0	3	2	0	7	2	0	1	2
26	5	0	2	0	3	0	0	3	0	0	0	0	1
27	2	2	3	0	5	2	0	0	0	3	2	0	2
28	2	3	2	0	0	3	0	1	0	0	2	1	1
29	0	2	0	9	2	2	0	1	1	1	1	0	2
30	0	2	0	5	0	2	0	0	2	3	0	4	2
31	2	0	3	0	1	0	0	2	2	0	0	3	1
MEAN	1	2	2	1	2	2	1	1	2	1	1	1	1.3

PERCENTAGE OF DATA VALID - 53.2

PERCENTAGE OF DATA INVALID - 46.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 22086 CHEAPSIDE RD.3 KM S OF HWY 3. NANTICOKE MONTH - FEB 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	3	0	0	2	2	0	2	0	5	2	0	2
2	0	0	3	0	4	0	0	0	0	2	3	0	1
3	5	0	0	0	3	0	0	3	3	0	2	1	1
4	4	0	0	0	1	2	2	0	0	0	0	0	1
5	3	0	0	0	2	2	3	2	0	5	0	3	2
6	3	0	4	1	0	2	2	0	4	0	0	2	2
7	0	2	0	0	4	2	3	2	0	0	0	2	1
8	5	0	2	0	0	3	4	0	2	0	2	0	2
9	0	0	2	0	0	0	2	0	0	0	2	0	0
10	2	2	0	3	0	0	3	2	0	3	0	3	2
11	1	5	0	9	0	0	2	0	2	0	0	0	2
12	0	5	3	0	0	0	2	0	2	0	0	0	2
13	0	0	2	0	0	0	0	0	3	0	3	0	2
14	1	5	2	3	0	0	4	4	0	2	2	5	2
15	2	0	3	3	0	0	2	2	0	0	0	6	2
16	3	7	0	3	0	0	0	2	2	2	0	4	2
17	2	5	2	3	0	3	0	0	0	0	1	0	2
18	3	0	3	1	2	0	2	2	0	4	2	3	2
19	4	6	0	2	3	4	3	4	2	4	0	3	2
20	2	3	2	0	3	***	8	4	4	1	4	5	3
21	3	1	3	3	2	3	3	5	1	1	0	0	2
22	2	0	2	0	0	0	0	0	2	4	3	1	1
23	0	1	2	0	1	2	0	0	2	0	2	1	1
24	0	0	0	4	1	0	2	0	0	0	0	0	1
25	0	9	1	1	2	0	3	0	0	0	0	0	2
26	2	0	4	1	0	0	2	0	1	0	0	0	1
27	1	0	0	***	***	0	2	0	4	2	0	0	1
28	1	0	2	9	2	2	1	0	0	0	1	3	1
29	3	0	0	2	0	0	3	0	0	0	2	0	2
MEAN	2	2	1	2	1	2	2	1	1	1	1	2	1.6

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 22086 CHEAPSIDE RD.3 KM S OF HWY 3. NANTICOKE MONTH - MAR 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	0	2	0	2	1	0	1	0	2	0	1
2	2	2	0	0	0	2	0	0	3	5	3	1	2
3	0	0	0	4	1	0	1	0	4	1	2	2	1
4	6	4	1	***	***	3	2	0	0	0	4	3	2
5	3	3	2	2	0	5	2	0	2	0	0	0	2
6	0	0	2	1	0	3	0	2	2	1	0	1	1
7	1	0	0	0	1	2	2	0	0	0	0	2	1
8	2	4	1	0	3	5	1	0	3	0	0	3	2
9	2	2	1	3	2	0	3	1	0	2	0	1	1
10	3	3	2	3	2	0	0	2	2	0	1	0	2
11	0	2	2	***	***	2	5	4	1	0	3	0	2
12	3	4	0	0	0	0	2	5	0	4	2	0	2
13	6	0	1	2	3	2	0	2	1	3	7	6	3
14	4	0	1	0	0	2	4	1	0	1	1	0	1
15	0	0	2	2	1	1	2	0	1	5	0	0	1
16	0	0	0	2	0	2	0	0	1	1	0	0	1
17	2	0	0	3	4	1	0	4	4	1	0	1	1
18	2	2	0	0	0	0	0	0	1	0	0	0	1
19	2	3	2	2	2	1	5	1	0	2	2	0	1
20	2	0	0	3	6	2	1	2	1	8	0	7	3
21	0	0	3	2	2	2	2	0	1	1	0	0	1
22	0	0	3	0	0	0	0	2	0	3	0	2	1
23	0	1	0	1	0	0	0	0	0	2	5	0	1
24	2	0	4	0	2	2	2	0	2	2	0	2	2
25	1	0	2	4	0	5	1	0	1	0	3	1	2
26	0	3	0	0	3	0	0	0	4	2	0	3	1
27	0	0	0	0	0	0	2	0	0	2	1	1	1
28	0	2	1	0	0	0	2	1	0	0	0	2	1
29	0	2	2	0	0	0	0	0	3	2	0	0	1
30	0	2	6	0	6	1	2	5	1	2	2	2	2
31	2	0	2	4	3	2	3	4	0	2	3	0	2
MEAN	1	1	1	1	1	2	1	1	1	2	1	1	1.4

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 22086 CHEAPSIDE RD.3 KM S OF HWY 3. NANTICOKE

MONTH - APR 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	3	2	----	----	3	0	0	2	2	1	2
2	0	0	2	0	0	0	0	0	3	2	1	0	1
3	0	0	0	2	0	0	0	0	2	2	2	0	1
4	0	1	3	0	0	2	0	2	2	2	0	2	1
5	2	2	0	0	0	0	2	2	0	0	0	0	1
6	2	2	0	0	1	0	2	2	2	0	1	0	1
7	0	2	2	1	0	0	0	0	0	0	0	0	1
8	2	2	----	----	0	1	2	0	1	1	0	1	1
9	0	0	0	0	0	2	2	2	0	0	0	2	1
10	0	2	0	0	0	2	2	2	0	0	2	0	1
11	2	2	0	----	----	0	0	3	0	0	2	2	1
12	2	1	1	0	0	2	2	2	0	0	2	2	1
13	1	0	0	0	2	2	0	2	0	0	1	0	1
14	3	0	0	1	3	0	2	0	0	2	0	1	1
15	0	2	----	----	2	1	1	0	0	2	0	2	1
16	0	2	0	0	3	0	2	0	0	0	2	0	1
17	2	0	0	2	0	1	2	2	2	0	2	1	1
18	2	0	----	0	0	2	0	0	1	2	0	0	1
19	0	0	0	2	0	2	0	0	0	0	0	2	1
20	1	0	0	0	2	1	1	2	1	0	2	1	1
21	0	1	----	----	----	0	1	0	0	2	1	2	1
22	0	2	0	----	2	2	0	0	0	2	2	0	1
23	1	2	1	0	0	1	0	0	0	0	2	2	1
24	0	0	0	0	3	1	0	0	0	1	0	0	0
25	0	0	2	----	0	3	0	0	0	0	0	2	1
26	3	0	0	0	2	0	2	2	0	0	0	1	1
27	0	0	0	0	0	2	0	2	1	0	0	0	0
28	3	0	0	2	0	3	3	0	0	2	3	0	1
29	0	0	0	1	2	0	0	2	0	0	0	2	1
30	1	0	0	1	0	0	2	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 96.1

PERCENTAGE OF DATA INVALID - 3.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 22086 CHEAPSIDE RD.3 KM S OF HWY 3. NANTICOKE

MONTH - MAY 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	0	0	2	0	0	2	0	0	1	1	1
2	0	0	0	0	0	2	2	0	0	0	0	0	0
3	0	0	0	2	2	0	2	1	0	0	0	1	1
4	3	0	0	2	0	0	0	2	0	3	1	2	1
5	0	0	0	1	1	2	0	2	0	0	0	1	1
6	0	2	0	0	----	0	0	0	0	3	0	1	0
7	0	2	0	0	0	1	1	0	2	0	2	0	1
8	1	1	0	1	2	0	1	0	0	2	1	0	1
9	3	2	0	0	1	2	0	2	0	2	0	0	1
10	0	0	0	0	2	0	1	0	2	0	1	2	1
11	0	0	0	0	2	0	0	1	0	0	0	0	0
12	2	0	1	1	1	0	0	2	2	2	1	2	1
13	1	0	0	2	0	1	1	1	0	2	0	1	1
14	1	1	2	0	0	0	0	0	2	1	2	0	1
15	2	0	1	0	0	2	0	2	0	1	0	0	1
16	1	2	1	0	0	1	0	0	2	1	2	3	1
17	0	2	1	0	2	1	1	2	2	1	1	0	1
18	0	1	3	0	1	1	0	1	1	0	2	2	1
19	2	0	0	2	2	1	0	1	2	0	1	2	1
20	0	3	0	1	2	2	3	2	1	2	2	0	2
21	1	1	1	0	3	2	3	1	0	1	0	2	1
22	3	0	2	4	5	3	3	0	1	1	2	2	2
23	2	0	0	0	0	0	4	7	0	0	3	0	2
24	2	4	5	2	2	4	2	2	1	5	2	3	3
25	0	0	6	0	2	0	2	1	0	3	0	2	1
26	1	0	6	0	1	1	0	2	1	0	2	4	1
27	0	0	0	2	0	2	1	0	2	2	0	2	1
28	0	0	3	0	3	0	2	0	4	0	0	4	1
29	2	2	2	4	3	1	3	2	3	2	2	2	2
30	3	0	5	----	0	2	0	0	2	1	0	3	1
31	0	0	2	0	0	0	3	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 22086 CHEAPSIDE RD.3 KM S OF HWY 3, NANTICOKE														MONTH - JUN 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	0	2	0	2	0	0	1	0	0	0	1	1		
2	1	1	0	0	2	0	1	1	1	0	0	0	1		
3	0	1	3	0	1	0	0	3	2	0	0	0	1		
4	1	1	0	0	0	0	0	1	1	0	0	0	1		
5	1	0	0	2	2	0	2	0	0	0	0	2	1		
6	0	2	0	0	1	2	1	0	2	2	0	1	1		
7	2	0	0	2	0	0	1	0	3	0	2	0	1		
8	0	0	0	0	0	0	0	2	0	1	0	0	0		
9	1	0	0	0	2	1	0	0	0	0	0	2	1		
10	2	0	1	0	0	2	0	2	0	0	0	0	1		
11	0	0	0	0	1	0	0	0	0	0	0	0	0		
12	2	0	1	0	0	2	1	1	0	1	0	0	1		
13	2	0	2	3	2	3	0	2	1	2	3	2	2		
14	1	2	3	2	2	1	2	1	2	0	2	1	2		
15	0	1	4	2	2	3	2	0	2	1	1	0	2		
16	0	1	2	0	0	0	2	0	0	2	0	1	1		
17	0	0	3	0	2	3	0	0	2	2	0	0	1		
18	0	1	0	0	****	0	0	0	0	4	1	1	1		
19	1	4	0	0	1	1	3	2	2	1	2	0	1		
20	0	0	0	2	0	3	0	0	0	0	0	0	0		
21	0	0	1	0	0	0	2	0	0	0	0	1	0		
22	0	0	1	0	1	2	3	2	3	2	1	0	1		
23	1	1	3	1	1	0	0	3	2	1	0	2	1		
24	1	0	3	6	1	0	0	3	2	2	2	2	2		
25	4	3	2	5	0	0	1	0	1	1	0	1	2		
26	3	2	0	7	0	0	0	1	0	2	0	2	2		
27	2	1	0	1	2	1	2	6	2	2	2	2	2		
28	0	3	2	0	***	0	0	0	1	0	2	2	1		
29	2	0	0	0	2	0	0	0	1	0	2	0	1		
30	2	0	1	3	2	1	0	1	2	0	0	0	1		
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.9		

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 22086 CHEAPSIDE RD.3 KM S OF HWY 3, NANTICOKE														MONTH - JUL 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	0	0	2	0	2	2	0	2	0	2	3	1		
2	2	4	0	***	***	0	1	4	3	5	0	1	2		
3	0	0	0	3	2	0	4	2	4	2	2	4	1		
4	2	1	0	1	0	0	6	3	0	4	5	2	3		
5	0	2	0	3	0	4	2	0	0	0	0	0	1		
6	1	4	0	0	1	2	4	0	0	2	0	1	1		
7	0	4	2	0	0	0	0	0	2	0	2	0	1		
8	2	0	2	2	1	0	1	0	0	0	2	0	1		
9	0	2	1	***	5	0	2	0	0	0	0	0	1		
10	0	0	3	7	2	0	0	3	2	0	5	3	2		
11	2	2	3	0	3	3	3	5	0	4	7	2	3		
12	2	2	2	0	0	2	3	0	2	0	0	0	1		
13	5	3	2	0	0	0	0	4	0	0	2	2	1		
14	2	3	0	2	3	0	2	0	5	1	2	2	2		
15	0	5	0	2	2	0	3	3	2	3	2	2	2		
16	2	2	0	0	0	1	0	2	0	2	0	2	1		
17	0	0	0	2	0	2	2	3	0	0	0	0	1		
18	7	0	0	3	2	2	3	0	2	5	2	0	2		
19	2	0	3	1	0	7	2	0	2	2	0	0	2		
20	2	2	2	2	0	5	5	0	3	0	2	0	2		
21	0	0	2	0	0	0	3	0	2	0	0	0	1		
22	2	0	0	0	2	***	0	0	2	3	2	2	1		
23	2	2	0	2	2	0	3	0	2	0	2	3	2		
24	0	0	2	5	0	2	0	3	2	0	2	3	2		
25	0	2	3	3	0	2	0	3	2	0	2	3	2		
26	0	0	0	2	1	3	2	3	0	2	0	3	2		
27	5	7	7	2	2	0	5	2	1	0	2	2	2		
28	0	2	0	0	0	0	5	0	0	0	2	0	3		
29	0	0	2	0	3	0	2	0	2	0	3	1	1		
30	0	7	0	0	2	1	2	3	1	0	0	3	1		
31	2	0	0	0	0	2	0	3	0	3	3	3	1		
MEAN	1	2	1	2	1	1	2	2	1	1	1	2	1.5		

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CGHS/1000 FT
STATION - WC NO 22086 CHEAPSIDE RD.3 KM S OF HWY 3, NANTICOKE													MONTH - AUG 80
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	3	0	3	0	2	5	5	3	2	3	3	3
2	2	2	0	3	0	1	2	0	2	0	0	0	1
3	0	0	0	1	0	2	0	0	3	3	1	0	1
4	0	2	5	0	2	5	5	0	0	0	2	1	2
5	5	0	3	0	4	0	0	4	0	0	0	0	1
6	2	3	0	0	0	2	0	3	0	3	5	2	2
7	2	0	0	5	0	2	0	2	3	3	2	3	2
8	0	0	0	4	3	2	0	2	3	2	3	0	2
9	2	0	0	0	0	1	3	0	0	0	2	0	1
10	3	0	0	0	0	0	3	0	0	0	2	0	1
11	0	0	3	2	0	0	2	0	1	2	0	0	1
12	0	1	0	2	0	0	0	0	0	0	2	2	1
13	2	0	5	0	2	0	0	0	5	0	3	0	1
14	0	3	0	2	3	0	2	0	2	5	0	2	2
15	3	0	0	5	3	0	0	0	0	0	0	0	1
16	0	0	0	0	2	0	3	2	0	2	0	5	1
17	0	3	2	2	0	0	0	0	0	0	2	0	1
18	0	0	2	0	2	2	2	0	0	4	2	3	1
19	2	0	0	7	2	2	3	2	2	2	0	3	2
20	0	2	2	0	0	2	2	0	2	0	5	0	1
21	0	3	3	2	2	2	0	0	0	0	2	2	1
22	0	3	2	0	2	0	3	2	0	3	0	0	1
23	8	2	0	3	2	0	0	2	0	2	2	3	2
24	0	0	0	2	5	0	2	1	0	0	2	0	1
25	0	3	0	2	0	2	3	0	0	0	0	0	1
26	2	0	0	0	***	0	0	2	2	4	2	0	1
27	2	3	5	7	1	5	2	7	2	0	2	0	3
28	3	2	5	2	0	2	0	2	1	0	4	0	2
29	0	7	4	3	3	2	2	2	0	3	2	1	2
30	0	2	9	2	0	0	2	5	5	2	5	0	3
31	5	0	3	0	2	0	0	0	0	2	5	0	1
MEAN	1	1	2	2	1	1	1	1	1	1	2	1	1.4

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CGHS/1000 FT
STATION - WC NO 22086 CHEAPSIDE RD.3 KM S OF HWY 3, NANTICOKE													MONTH - SEP 80
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	0	0	0	0	2	0	0	0	2	2	1
2	0	0	0	0	1	5	2	0	2	3	3	5	2
3	2	3	0	2	3	2	2	3	0	5	0	5	2
4	0	5	4	0	2	1	3	5	1	3	0	0	2
5	3	0	0	0	3	0	0	0	3	0	2	3	1
6	0	2	1	0	3	3	0	0	2	2	0	0	1
7	2	2	0	0	4	0	0	3	0	2	2	3	2
8	0	2	1	2	0	2	0	0	2	3	7	0	2
9	0	0	2	2	0	3	5	0	4	3	3	2	2
10	1	2	2	2	3	0	3	2	2	0	0	0	1
11	0	2	2	0	2	2	0	5	3	0	2	3	2
12	0	2	0	0	2	0	2	3	2	0	2	0	1
13	0	2	2	2	3	0	4	2	5	2	5	3	3
14	0	0	0	0	0	3	2	2	2	2	0	0	1
15	0	2	0	0	0	2	0	0	2	0	0	0	1
16	0	3	2	0	0	3	0	7	3	0	5	0	2
17	0	0	0	***	***	0	0	1	0	1	2	2	1
18	0	0	0	0	2	2	0	0	0	1	2	0	1
19	0	0	2	0	2	0	2	1	2	2	3	0	1
20	0	2	2	1	4	1	2	1	2	2	4	2	2
21	2	2	1	4	2	1	2	1	1	1	0	0	1
22	2	4	2	2	0	0	2	2	3	0	0	0	1
23	3	0	2	0	0	4	1	0	0	1	1	0	1
24	2	4	0	0	5	0	0	1	2	0	0	5	2
25	0	0	1	2	1	2	2	5	0	2	1	2	2
26	2	0	2	0	2	0	0	1	1	0	3	2	1
27	0	2	1	2	0	0	1	2	0	2	0	0	1
28	2	0	0	0	1	2	0	2	6	0	0	2	1
29	3	0	1	0	2	0	2	2	0	5	1	2	2
30	0	3	2	1	3	2	4	2	0	5	5	6	3
MEAN	1	1	1	1	2	1	1	2	2	2	2	2	1.4

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 22086

CHEAPSIDE RD. 3 KM S OF HWY 3, NANTICOKE

MONTH - OCT 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	0	2	0	2	1	6	1	2	0	4	2
2	0	2	3	2	0	0	2	2	0	2	0	3	1
3	2	0	4	2	0	0	0	0	0	0	0	1	1
4	0	0	2	0	1	0	0	0	0	2	6	2	1
5	0	2	1	0	2	2	0	1	0	0	1	2	1
6	4	0	0	3	0	3	2	1	0	0	0	0	1
7	1	0	0	3	1	1	3	0	0	0	0	0	1
8	1	0	2	2	***	0	3	0	0	2	2	0	1
9	0	0	1	2	2	0	0	0	0	1	2	0	2
10	2	2	1	5	0	1	1	0	2	0	2	2	2
11	1	6	2	2	2	0	1	1	0	0	2	0	1
12	4	0	3	0	1	1	1	1	0	0	0	1	1
13	0	2	2	0	4	0	3	2	1	2	0	2	1
14	1	2	0	2	0	1	0	0	0	0	0	1	1
15	0	2	0	4	0	3	0	0	0	0	0	1	1
16	0	0	4	4	2	2	0	1	4	2	2	5	2
17	1	2	3	4	3	2	2	1	1	1	0	0	2
18	1	0	1	0	2	1	1	1	3	0	0	1	1
19	0	4	0	2	3	0	0	2	0	1	0	0	1
20	0	0	3	0	0	1	2	0	10	0	0	2	2
21	4	2	1	0	2	6	0	0	2	2	1	5	2
22	0	1	1	2	1	1	0	0	0	0	0	2	1
23	2	1	1	3	0	0	3	0	1	0	2	0	1
24	6	1	2	2	0	0	2	0	1	0	1	3	2
25	2	1	1	4	0	4	0	5	0	2	0	1	2
26	0	1	2	0	1	0	5	0	2	0	1	2	1
27	3	0	1	0	2	3	2	0	0	2	2	3	2
28	1	3	0	2	6	1	2	1	2	0	3	0	2
29	2	2	0	0	5	0	0	3	7	2	1	2	2
30	2	0	2	0	2	2	0	0	2	2	0	2	1
31	0	2	2	0	1	6	2	2	2	0	3	0	2
MEAN	1	1	1	2	1	1	1	1	2	1	1	2	1.4

PERCENTAGE OF DATA VALID - 39.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 22086

CHEAPSIDE RD. 3 KM S OF HWY 3, NANTICOKE

MONTH - NOV 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	2	0	5	0	0	4	0	2	0	1
2	0	0	2	3	1	0	0	0	2	2	0	0	1
3	0	2	2	2	3	2	0	2	4	0	2	5	1
4	1	2	4	***	0	2	0	0	0	0	2	2	2
5	0	0	0	1	1	0	0	0	2	0	4	0	1
6	2	0	1	0	2	0	0	0	2	0	0	0	1
7	3	0	3	1	1	0	0	0	1	0	0	1	1
8	0	2	0	0	2	0	0	3	0	2	4	0	1
9	1	1	0	0	2	1	2	2	0	1	0	1	1
10	0	0	0	0	0	0	0	0	0	1	2	2	1
11	2	1	0	0	3	0	0	0	2	0	0	3	1
12	0	2	3	1	0	0	1	0	2	3	0	2	1
13	0	1	0	1	0	4	2	4	2	3	3	8	2
14	2	4	2	4	1	0	0	2	0	0	0	0	1
15	2	3	0	2	3	1	0	1	0	0	3	0	1
16	0	0	0	0	1	1	2	2	1	3	2	0	1
17	2	0	0	0	0	3	2	1	0	2	2	0	1
18	1	0	0	0	2	3	0	1	0	4	2	0	1
19	1	2	0	2	***	2	2	2	2	0	2	1	1
20	2	1	1	4	2	1	5	2	1	5	4	2	3
21	1	2	0	2	5	9	2	3	2	0	2	1	2
22	0	2	0	0	0	0	3	3	2	4	0	0	1
23	7	2	8	0	3	4	0	7	2	6	2	4	4
24	6	2	2	1	1	1	3	0	0	1	2	1	2
25	0	0	2	2	3	2	1	0	3	0	2	0	1
26	2	0	0	2	0	2	0	2	2	4	0	3	1
27	1	9	4	2	2	2	1	5	4	0	2	2	3
28	3	3	0	2	2	0	2	2	0	0	0	2	1
29	0	2	2	2	2	0	2	2	1	0	0	2	1
30	0	0	0	1	1	1	5	0	0	2	3	0	1
MEAN	1	1	1	1	1	2	1	2	1	1	2	1	1.4

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 22086

CHEAPSIDE RD.3 KM S OF HWY 3, NANTICOKE

MONTH - DEC 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2	5	3	1	0	2	2	0	0	0	2	0	3	2
3	2	2	2	0	1	0	6	1	4	0	4	0	2
4	2	0	0	0	0	2	1	4	0	0	2	0	1
5	2	0	0	1	3	1	5	0	0	2	1	2	1
6	0	2	0	5	2	3	3	2	0	2	2	0	2
7	3	5	7	2	0	9	2	6	3	0	0	1	3
8	0	2	0	4	2	0	2	0	1	0	4	2	1
9	0	2	0	2	0	0	0	5	2	1	0	0	1
10	5	0	2	2	0	2	0	0	4	2	2	1	2
11	0	0	2	0	5	0	4	3	0	4	0	0	2
12	0	2	1	***	***	0	6	1	0	4	0	0	2
13	4	0	3	2	2	0	2	0	0	5	2	2	1
14	0	2	0	2	0	0	4	0	2	2	0	0	1
15	2	0	4	1	0	1	2	2	4	2	3	4	2
16	2	1	1	2	3	1	2	2	0	1	0	1	1
17	1	0	0	2	0	2	1	0	5	0	4	2	1
18	6	0	2	4	0	1	0	2	0	7	1	2	2
19	0	0	0	2	3	1	2	0	8	0	0	0	1
20	3	0	4	1	2	0	0	2	1	0	0	1	1
21	2	0	0	2	2	2	2	1	0	3	0	0	1
22	2	1	2	2	4	2	2	1	2	0	7	2	2
23	2	8	2	4	0	2	3	3	2	2	2	2	3
24	2	4	3	2	5	1	3	2	1	2	1	0	2
25	0	2	1	4	1	2	2	5	0	5	0	1	2
26	0	0	4	0	2	0	0	4	0	0	0	0	1
27	0	0	0	5	5	6	1	0	4	1	2	0	2
28	2	6	3	2	0	5	2	3	6	3	4	2	3
29	0	1	2	4	0	2	2	0	4	5	4	0	2
30	1	1	1	4	2	***	0	3	2	6	5	3	3
31	4	3	0	1	1	0	2	0	4	2	0	2	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	1	1.7

PERCENTAGE OF DATA VALID - 96.0

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 3.2

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 22086

CHEAPSIDE RD.3 KM S OF HWY 3, NANTICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	16	1.3	2	9
FEB	29	1.6	3	9
MAR	31	1.4	3	8
APR	30	0.8	2	3
MAY	31	1.1	3	7
JUN	30	0.9	2	7
JUL	31	1.5	3	7
AUG	31	1.4	3	9
SEP	30	1.4	3	7
OCT	31	1.4	2	10
NOV	30	1.4	4	9
DEC	30	1.7	3	9
YEAR	350	1.3	4	10

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 22086 CHEAPSIDE RD. 3 KM S OF HWY 3, NANTICOKE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	189	9	0	0	0	0	0	198
FEB	325	20	0	0	0	0	0	345
MAR	349	19	0	0	0	0	0	368
APR	346	0	0	0	0	0	0	346
MAY	362	8	0	0	0	0	0	370
JUN	354	4	0	0	0	0	0	358
JUL	345	23	0	0	0	0	0	368
AUG	342	29	0	0	0	0	0	371
SEP	337	21	0	0	0	0	0	358
OCT	354	17	0	0	0	0	0	371
NOV	343	15	0	0	0	0	0	358
DEC	326	31	0	0	0	0	0	357
YEAR	3972	196	0	0	0	0	0	4168

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
94.9	0	0.0	0.0	0.5	1.5	2.8	3.9	5.0	6.1	10	1.3

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59

MONTH - JAN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	0	2	1	0	0	2	1	1	0	1
2	0	2	3	2	3	2	0	2	3	1	2	0	2
3	2	3	0	2	1	1	2	1	0	0	0	1	1
4	2	3	3	0	0	2	0	1	3	0	0	3	1
5	2	2	2	0	2	0	2	2	0	2	0	1	1
6	1	5	2	2	2	1	0	0	3	3	3	3	2
7	2	2	2	3	0	0	4	0	1	0	2	2	2
8	3	0	2	2	0	2	0	0	2	0	0	1	1
9	0	2	2	1	0	2	0	3	0	0	0	1	1
10	0	1	3	0	0	2	2	0	3	2	2	3	2
11	4	0	2	1	2	0	0	0	0	0	0	2	1
12	0	2	0	0	0	2	3	0	2	2	3	0	1
13	0	1	0	1	5	3	1	1	0	3	2	0	1
14	2	1	2	0	2	2	2	2	1	1	2	1	2
15	3	4	2	1	0	2	2	1	3	2	2	4	2
16	1	1	4	0	1	2	0	2	2	0	3	2	2
17	2	5	0	0	2	2	2	2	0	3	1	0	2
18	0	0	0	0	2	0	0	0	0	0	2	0	0
19	2	2	0	0	2	0	0	0	0	0	1	3	1
20	1	1	0	0	0	0	2	0	3	3	0	0	1
21	2	0	1	0	0	3	0	0	2	2	0	2	1
22	0	0	2	0	0	2	0	0	1	1	1	0	1
23	0	2	0	2	1	2	3	0	0	2	2	2	1
24	0	0	0	1	0	3	1	2	4	1	0	0	1
25	3	2	0	0	1	2	3	0	1	2	2	0	1
26	1	2	0	1	3	2	0	1	0	4	2	0	1
27	0	0	0	3	3	2	3	0	3	0	2	1	1
28	0	2	0	0	2	2	1	2	2	0	1	0	1
29	0	0	0	1	2	4	0	0	2	0	2	3	1
30	0	1	0	0	0	0	0	2	0	0	3	1	1
31	0	0	1	2	2	0	2	2	0	2	3	2	1
MEAN	1	1	1	1	1	2	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 CONS/1000 FT	
STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59														MONTH - FEB 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	3	1	1	0	2	1	3	0	0	0	3	3	1		
2	3	2	0	3	0	2	2	0	0	2	0	0	1		
3	0	0	2	0	3	2	0	0	0	0	0	0	1		
4	0	0	0	2	0	0	0	0	0	0	0	2	1		
5	0	0	0	0	0	0	0	3	0	0	2	0	1		
6	0	0	0	2	0	0	2	0	0	0	0	0	0		
7	0	0	2	0	0	0	0	0	0	0	2	2	1		
8	0	0	0	0	0	2	0	0	0	0	0	0	0		
9	0	0	3	0	0	0	0	0	0	0	0	2	0		
10	2	2	0	0	0	2	0	0	2	2	2	3	0		
11	2	3	3	0	0	0	0	0	0	0	2	0	1		
12	0	0	0	0	0	0	2	2	0	2	2	0	1		
13	0	0	2	1	3	2	3	0	0	0	0	0	1		
14	0	0	0	0	0	2	0	0	0	3	3	0	1		
15	2	1	0	0	0	0	0	0	2	2	0	0	1		
16	3	0	0	2	0	0	0	1	0	0	0	0	1		
17	0	0	0	0	0	0	0	3	1	0	0	0	0		
18	0	0	1	0	0	0	0	0	0	2	2	3	1		
19	0	3	0	0	0	2	2	3	0	2	3	2	1		
20	2	0	2	1	3	2	0	2	0	0	2	1	1		
21	2	0	2	2	0	2	0	3	2	2	2	0	1		
22	2	2	0	0	2	2	1	0	2	2	0	0	1		
23	0	2	4	3	0	0	2	2	0	0	0	0	1		
24	0	0	0	0	0	0	2	0	0	0	2	2	1		
25	0	0	0	0	0	0	0	0	2	0	0	0	0		
26	0	0	0	0	0	3	0	0	0	0	0	0	0		
27	0	0	0	0	3	2	0	0	0	2	2	3	1		
28	0	0	0	0	2	0	0	3	0	0	2	2	1		
29	0	0	4	0	2	0	0	1	0	0	0	0	1		
MEAN	1	1	1	1	1	1	1	1	0	1	1	1	0.8		

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "-" INDICATES DATA IS UNAVAILABLE
 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 CONS/1000 FT	
STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59														MONTH - MAR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	0	2	0	0	0	0	0	0	2	0	2	1		
2	0	0	0	0	0	2	0	0	0	3	0	0	0		
3	0	4	2	2	0	0	2	0	0	2	0	1	1		
4	1	5	2	1	1	5	2	2	0	3	4	2	2		
5	0	2	2	2	2	3	0	0	2	0	0	0	1		
6	0	2	0	0	0	3	3	0	0	0	1	0	1		
7	0	2	1	2	2	2	0	0	0	0	2	0	1		
8	0	2	5	2	1	0	0	2	0	2	1	0	1		
9	0	0	3	0	3	0	0	1	0	3	0	2	1		
10	0	2	2	0	2	2	2	1	0	0	0	2	1		
11	0	3	5	1	0	1	2	0	0	1	0	0	1		
12	0	1	1	0	2	2	3	0	2	1	2	2	1		
13	2	2	1	1	0	1	0	2	2	3	0	2	1		
14	2	2	1	3	2	1	0	4	0	1	0	0	1		
15	4	0	3	0	4	3	0	0	0	0	0	1	1		
16	0	0	3	2	3	0	2	1	1	0	0	5	2		
17	2	2	2	0	4	2	0	2	1	0	0	0	1		
18	0	4	1	0	0	3	2	0	1	2	0	0	1		
19	0	2	0	2	1	0	0	5	1	2	0	2	1		
20	0	2	2	3	2	2	2	2	2	2	6	3	2		
21	0	3	2	3	2	4	1	0	2	0	0	0	1		
22	2	3	0	3	1	1	2	0	0	0	3	2	1		
23	2	2	1	0	0	1	1	2	0	2	1	2	1		
24	2	1	2	3	3	0	3	2	0	0	0	1	1		
25	4	0	1	0	0	0	0	0	0	0	0	0	0		
26	2	1	0	1	0	2	2	0	0	0	0	0	1		
27	0	3	4	0	2	2	1	0	1	1	1	2	1		
28	2	1	3	1	0	2	2	2	4	0	0	2	2		
29	0	2	0	0	2	4	2	0	2	0	2	0	1		
30	2	0	1	3	3	0	1	0	4	1	2	2	2		
31	0	2	1	0	0	0	1	0	2	3	0	2	1		
MEAN	1	2	2	1	1	1	1	1	1	1	1	1	1.2		

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "-" INDICATES DATA IS UNAVAILABLE
 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NMP NO 22901

LONG PT PROV PK 100M S HWY59

MONTH - MAY 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-
3	2	0	5	3	3	0	4	0	2	0	2	0	*****
4	1	2	1	3	4	1	5	3	1	0	0	2	2
5	2	1	2	2	2	2	3	3	0	***	0	0	2
6	1	2	2	0	1	0	0	0	0	1	2	2	1
7	2	0	1	0	0	3	2	0	2	0	2	0	1
8	0	3	0	2	2	3	0	0	0	2	3	0	1
9	0	2	0	2	0	0	0	1	0	0	0	3	1
10	0	1	2	0	6	5	2	2	2	0	2	2	2
11	0	2	3	2	3	1	1	2	2	0	1	1	1
12	1	1	3	1	2	2	0	1	0	1	0	1	1
13	2	3	3	3	0	1	1	0	3	1	0	0	1
14	1	3	2	0	2	2	2	2	0	0	1	2	2
15	3	0	3	9	9	1	6	0	1	1	2	0	3
16	0	0	0	0	3	2	2	0	2	2	1	0	1
17	0	3	0	0	0	4	2	1	3	0	0	2	1
18	1	2	0	0	0	2	0	1	0	1	3	0	1
19	0	0	1	2	1	2	1	0	3	2	0	0	1
20	2	3	1	0	2	1	1	2	0	0	0	3	1
21	0	5	3	2	2	2	1	0	2	0	-	-	2
22	-	-	-	-	-	-	-	4	3	2	3	1	*****
23	0	4	0	2	2	0	0	1	0	0	2	1	1
24	1	2	0	0	3	3	3	2	0	1	2	4	2
25	3	2	0	3	0	3	1	0	1	3	0	1	1
26	1	0	1	2	2	0	4	2	0	2	0	1	1
27	1	0	0	2	2	3	3	2	3	0	1	1	2
28	3	2	0	0	2	1	0	0	3	0	3	2	1
29	1	2	2	0	0	2	2	2	1	0	3	1	1
30	2	3	2	3	3	0	3	2	2	2	0	1	2
31	3	0	0	2	0	1	3	3	2	3	2	0	2
MEAN	1	2	1	2	2	2	2	1	1	1	1	1	1.4

PERCENTAGE OF DATA VALID - 91.9

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 7.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NMP NO 22901

LONG PT PROV PK 100M S HWY59

MONTH - JUN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	1	1	2	0	2	0	0	2	1	2	0	1
2	0	2	0	2	0	0	1	1	0	2	2	3	1
3	2	0	0	1	2	2	2	1	2	2	0	2	1
4	2	0	3	1	0	2	2	0	-	-	3	0	1
5	2	3	1	2	2	2	1	1	1	3	0	0	2
6	0	2	2	0	0	-	0	4	2	0	0	0	1
7	2	0	0	2	2	2	2	2	0	0	1	0	1
8	0	2	0	0	2	0	2	2	2	1	3	0	1
9	2	3	0	1	2	2	0	1	1	2	2	0	1
10	2	1	0	0	0	1	2	1	0	1	2	1	1
11	3	2	2	2	0	0	2	0	0	2	2	2	1
12	0	1	2	1	2	1	2	1	2	1	3	0	1
13	0	0	2	1	2	0	1	3	4	3	1	3	1
14	2	5	3	0	2	3	2	5	3	5	3	0	3
15	2	3	1	2	0	2	1	2	0	3	2	2	2
16	0	3	0	0	0	2	3	2	0	0	2	0	1
17	0	0	0	1	0	1	0	2	0	2	0	0	1
18	1	0	1	2	1	0	0	0	2	1	1	3	1
19	1	1	0	2	1	2	3	1	2	1	0	0	1
20	1	1	1	1	1	1	0	0	2	0	0	2	1
21	0	2	2	1	1	2	1	0	2	1	0	0	1
22	3	2	2	1	2	1	2	2	2	2	1	1	2
23	4	4	1	0	2	1	3	1	2	3	0	2	2
24	1	4	2	2	2	2	3	2	0	3	2	2	2
25	0	1	2	0	0	1	2	2	0	3	0	1	1
26	0	1	2	3	2	3	3	2	0	0	2	2	2
27	1	1	4	3	4	3	0	1	0	0	2	2	2
28	0	2	0	2	1	2	1	2	2	1	4	0	2
29	1	2	1	0	1	0	2	0	2	0	1	2	1
30	0	0	0	2	1	1	0	1	2	1	1	0	1
MEAN	1	2	1	1	1	1	2	1	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - NMP NO 22901 LONG PT PROV PK 100M S Hwy59 MONTH - JUL 80													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	2	0	2	1	2	0	2	3	0	0	1
2	0	0	0	0	0	0	1	0	0	0	0	1	0
3	0	2	2	0	0	1	11	3	1	1	2	2	2
4	1	1	0	1	5	6	9	3	0	1	0	0	2
5	1	2	3	5	4	3	0	1	1	0	0	0	2
6	0	0	4	0	0	0	0	0	0	0	0	0	1
7	0	0	0	2	0	2	2	1	0	0	0	1	1
8	2	0	0	0	0	0	2	2	2	4	0	3	1
9	0	3	2	2	2	0	1	2	0	0	2	0	1
10	3	1	2	2	3	0	3	0	1	3	0	1	2
11	3	0	0	1	2	2	0	0	3	3	4	0	2
12	2	2	2	0	0	0	1	1	0	0	2	0	1
13	2	2	0	0	1	2	2	1	1	2	2	2	1
14	1	2	0	2	0	0	2	3	0	2	3	2	1
15	2	0	0	0	1	1	3	2	2	2	0	0	1
16	2	1	0	0	0	2	2	1	2	1	2	0	1
17	1	0	1	2	2	1	1	0	0	1	0	0	1
18	0	0	2	0	2	0	1	2	0	0	1	0	1
19	2	0	2	2	2	2	1	2	1	0	0	0	1
20	1	0	0	4	2	1	2	0	3	2	3	2	2
21	0	2	0	1	0	1	2	2	2	3	2	2	1
22	4	0	0	4	0	1	0	2	0	1	0	2	1
23	2	2	2	0	0	0	2	0	3	2	0	0	1
24	0	0	0	0	0	1	0	1	0	1	0	0	0
25	0	0	0	1	1	0	2	1	0	0	0	2	1
26	2	2	4	2	2	1	0	2	1	0	0	0	1
27	1	2	0	1	2	2	2	2	1	1	0	3	1
28	2	2	0	1	2	0	0	2	2	0	0	0	1
29	2	0	1	0	3	1	2	1	0	3	1	0	1
30	0	0	2	0	0	0	0	1	0	2	1	0	1
31	2	2	0	0	1	0	0	1	2	2	1	2	1
MEAN	1	1	1	1	1	1	2	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - NMP NO 22901 LONG PT PROV PK 100M S Hwy59 MONTH - AUG 80													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	2	2	2	0	1	0	0	2	2	2	1
2	0	0	5	3	0	2	2	0	0	3	0	0	1
3	1	2	1	2	2	0	0	2	2	0	3	0	1
4	0	4	1	1	2	0	1	2	0	1	0	0	1
5	2	0	0	2	1	0	1	0	1	0	2	2	1
6	1	1	2	2	1	0	0	0	0	2	2	0	1
7	2	2	0	3	2	2	2	2	0	3	1	2	2
8	2	1	0	4	0	2	2	0	1	2	0	1	1
9	1	1	0	2	2	0	0	0	2	2	1	2	1
10	3	0	0	3	0	2	0	0	0	2	2	2	1
11	2	0	2	1	0	0	2	0	1	2	1	0	1
12	3	1	0	2	0	2	0	0	0	2	1	0	1
13	2	0	0	2	0	3	1	0	0	3	2	0	1
14	0	2	2	0	0	0	0	2	2	0	0	2	1
15	0	0	0	4	0	0	0	0	0	0	0	3	1
16	0	1	2	0	0	1	1	0	3	0	2	2	1
17	2	0	2	0	1	3	2	2	0	0	2	1	1
18	2	1	3	3	0	0	3	1	1	0	0	0	1
19	2	2	3	2	3	0	0	2	1	0	0	3	2
20	3	0	3	2	0	0	1	0	1	2	0	3	1
21	0	0	2	2	0	3	0	5	0	1	4	4	2
22	0	1	3	0	0	2	0	2	2	0	0	0	1
23	3	0	1	0	0	0	3	0	0	0	2	0	1
24	0	0	3	0	0	0	2	2	0	0	0	2	1
25	0	2	0	1	0	1	2	2	2	0	0	0	1
26	1	0	0	0	2	1	1	2	0	0	2	4	1
27	1	2	0	2	2	1	4	0	0	2	0	3	1
28	0	0	2	0	0	2	0	0	2	3	3	0	1
29	2	2	3	0	1	1	3	2	2	2	2	0	2
30	1	6	2	3	0	1	2	1	0	1	1	2	2
31	0	0	2	1	0	0	0	0	2	0	2	2	1
MEAN	1	1	1	2	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NMP NO 22901

LONG PT PROV PK 100M S HWY59

MONTH - SEP 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	2	1	0	2	0	0	2	2	2	1
2	0	3	0	2	0	0	1	0	1	0	2	0	1
3	1	0	1	1	0	0	0	0	2	1	0	1	1
4	0	2	0	0	1	0	2	2	1	2	3	0	1
5	3	2	4	0	2	2	0	3	1	0	0	1	2
6	0	2	1	0	0	2	1	2	1	2	1	1	1
7	0	2	0	0	0	3	0	2	2	1	2	0	1
8	1	0	0	3	2	1	2	0	2	1	1	0	1
9	3	1	0	1	3	0	0	0	2	2	0	2	1
10	4	0	1	0	2	0	0	0	0	0	1	2	1
11	1	2	0	3	0	0	1	2	2	0	2	0	1
12	2	0	1	2	2	0	4	2	0	4	0	0	1
13	3	2	0	2	0	5	0	5	2	0	1	1	2
14	2	0	0	0	0	3	1	0	1	0	3	1	1
15	0	0	0	0	2	1	0	0	0	2	2	0	1
16	2	2	2	1	3	0	0	0	2	3	3	1	2
17	0	0	0	3	0	0	0	2	0	2	0	0	1
18	****	***	***	***	***	***	***	***	***	***	2	0	***
19	0	0	2	4	***	***	0	2	0	0	4	2	1
20	2	5	3	1	1	1	2	0	1	0	2	4	2
21	2	0	1	1	2	2	0	0	2	2	1	0	1
22	0	3	0	0	2	0	0	2	0	1	0	0	1
23	1	0	0	0	1	0	1	2	2	0	0	1	1
24	2	2	2	1	2	1	2	0	0	1	3	3	2
25	2	0	1	1	2	3	5	0	1	2	0	1	2
26	0	2	0	0	0	2	0	0	1	2	2	0	1
27	2	1	1	2	0	0	0	1	1	0	2	0	1
28	3	0	0	2	1	2	0	3	0	1	0	0	1
29	2	0	1	4	0	3	1	0	2	2	0	3	2
30	2	2	2	1	2	2	0	3	0	2	3	2	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 96.7

PERCENTAGE OF DATA INVALID - 3.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NMP NO 22901

LONG PT PROV PK 100M S HWY59

MONTH - OCT 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	2	2	3	0	4	0	2	0	0	2	2
2	0	4	2	1	4	1	1	1	2	1	0	0	1
3	2	1	0	0	3	2	3	0	1	0	5	0	1
4	2	2	3	0	2	1	0	0	2	0	1	1	1
5	0	0	0	0	0	1	0	1	0	3	2	0	1
6	3	0	1	0	0	2	2	2	0	2	0	2	1
7	1	2	0	0	2	2	2	2	3	4	5	5	2
8	1	2	0	2	2	2	2	2	0	0	2	2	1
9	3	0	0	2	0	3	0	2	3	1	0	1	1
10	0	0	2	3	2	2	0	2	0	0	0	4	1
11	2	0	0	2	0	2	0	2	2	0	0	2	1
12	1	1	0	1	3	3	0	2	2	0	0	2	1
13	3	0	1	0	2	0	0	0	0	3	1	0	1
14	1	2	2	1	2	0	0	0	1	2	0	0	1
15	1	0	0	4	1	2	2	0	3	4	5	4	2
16	0	0	5	2	3	1	2	2	2	2	0	2	2
17	3	3	3	2	3	2	1	0	2	2	0	1	2
18	0	0	3	0	0	2	2	2	0	1	0	1	1
19	2	2	0	0	0	2	0	3	0	0	0	0	1
20	0	1	0	1	3	2	2	0	2	2	2	0	1
21	1	1	2	2	2	1	0	1	2	0	3	2	1
22	3	1	1	0	2	2	0	2	2	0	0	2	1
23	0	0	3	2	0	0	0	3	0	0	0	0	1
24	0	3	0	2	0	1	0	2	0	2	1	2	1
25	0	0	3	2	1	4	2	2	2	0	1	1	2
26	3	2	2	0	2	1	0	2	1	2	0	2	1
27	0	3	1	2	0	2	2	2	3	1	2	0	2
28	2	1	3	0	2	2	1	0	0	2	2	1	1
29	1	1	0	2	3	2	3	0	0	2	2	2	2
30	0	0	2	0	0	0	1	0	4	3	1	3	1
31	5	3	0	1	0	2	3	2	1	0	2	2	2
MEAN	1	1	1	1	2	2	1	1	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COMS/1000 FT	
STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59														MONTH - NOV 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	1	1	0	0	2	1	1	3	2	1	0	1	1		
2	1	0	2	2	0	0	0	0	0	0	1	0	1		
3	1	2	0	2	2	2	2	2	5	2	2	1	2		
4	3	1	1	2	0	2	2	2	2	2	3	2	2		
5	1	0	3	0	2	1	0	2	3	3	1	2	2		
6	0	5	2	0	3	1	0	1	3	1	5	3	2		
7	3	0	0	1	0	2	2	0	3	2	2	2	1		
8	1	2	3	4	0	2	2	3	1	2	0	2	2		
9	3	2	3	2	2	2	2	0	2	0	0	2	2		
10	2	0	0	4	0	1	1	1	1	0	2	0	1		
11	3	0	2	2	0	2	0	0	0	0	0	0	1		
12	0	1	0	1	0	2	0	0	2	0	4	0	1		
13	3	2	3	3	2	3	0	0	3	2	5	5	3		
14	3	3	5	2	0	2	0	0	2	0	1	7	2		
15	2	1	0	0	2	0	1	0	0	2	0	0	1		
16	0	0	0	2	4	0	3	0	2	2	0	4	1		
17	1	0	3	0	3	0	0	0	1	1	2	2	1		
18	0	3	1	2	2	0	2	0	0	0	2	1	1		
19	0	0	0	0	1	0	2	0	2	2	0	0	1		
20	0	3	4	0	2	4	-	2	2	0	3	3	2		
21	2	4	4	0	0	0	2	0	2	1	0	3	2		
22	3	1	0	0	0	1	2	4	2	3	0	2	2		
23	5	2	2	2	0	3	3	0	2	3	0	0	2		
24	0	0	2	2	2	2	0	0	0	3	0	0	1		
25	2	1	0	0	0	0	0	0	1	0	1	0	0		
26	1	2	0	0	2	2	0	0	3	2	0	2	1		
27	4	2	1	0	1	1	2	1	0	0	0	0	2		
28	2	2	1	0	2	2	1	2	0	3	0	0	2		
29	4	2	0	0	0	2	1	0	0	2	0	0	1		
30	2	0	0	0	0	2	2	0	1	3	2	1	1		
MEAN	2	1	1	1	1	1	1	1	2	1	1	2	1.3		

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COMS/1000 FT	
STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59														MONTH - DEC 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	1	1	3	0	0	2	2	2	1	2	3	2	2		
2	0	3	1	2	1	2	-	-	-	-	-	-	*****		
3	-	-	-	-	-	0	DATA UNAVAILABLE			1	1	0	2		
4	-	-	-	-	-	0	3	0	1	3	4	2	1		
5	0	0	0	2	2	0	0	1	3	0	2	1	1		
6	5	2	5	3	2	1	3	0	2	0	2	1	2		
7	2	3	5	2	3	3	3	0	0	0	2	0	2		
8	0	4	0	2	2	0	2	2	0	1	3	1	1		
9	2	0	2	0	0	0	0	0	0	2	0	3	1		
10	0	0	2	1	1	0	2	3	0	0	0	0	1		
11	3	2	0	0	0	2	0	2	0	2	3	0	1		
12	3	3	4	0	1	2	2	2	0	0	2	3	2		
13	2	2	0	0	2	0	0	0	0	0	0	0	1		
14	1	2	2	0	0	3	2	0	2	1	2	1	1		
15	0	1	1	0	0	0	0	3	2	0	2	1	1		
16	5	4	1	3	4	1	2	5	0	0	0	0	2		
17	0	1	0	0	3	2	2	0	1	2	0	2	1		
18	1	1	0	3	0	2	1	2	2	0	2	2	1		
19	2	2	1	3	0	0	0	0	1	1	1	0	1		
20	2	0	1	0	0	0	1	0	0	0	2	2	1		
21	3	2	0	0	3	2	0	1	2	0	2	3	2		
22	2	1	0	0	2	2	1	0	0	2	3	5	2		
23	6	2	6	3	4	4	3	1	2	2	4	0	3		
24	0	4	3	3	3	1	0	3	2	1	0	0	2		
25	1	2	2	0	0	0	0	1	2	3	0	1	1		
26	2	0	0	0	0	0	1	0	0	1	5	3	1		
27	2	3	1	3	0	3	3	1	2	1	5	0	2		
28	2	2	2	2	2	0	2	5	6	2	2	2	3		
29	0	5	3	2	1	3	2	3	2	1	2	2	2		
30	0	0	0	0	3	3	0	2	1	2	2	2	1		
31	0	1	2	0	0	1	3	0	0	0	1	4	1		
MEAN	2	2	2	1	1	1	1	1	1	1	2	2	1.4		

PERCENTAGE OF DATA VALID - 93.8

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 6.2

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 CONS./1000 FT

STATION - NMP NO 22901

LONG PT PROV PK 100M S HWY59

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.2	2	5
FEB	29	0.8	1	4
MAR	31	1.2	2	6
APR	DATA UNAVAILABLE			
MAY	28	1.4	3	9
JUN	30	1.3	3	5
JUL	31	1.1	2	11
AUG	31	1.1	2	6
SEP	29	1.1	2	5
OCT	31	1.3	2	5
NOV	30	1.3	3	7
DEC	28	1.4	3	6
YEAR	329	1.2	3	11

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 CONS./1000 FT

STATION - NMP NO 22901

LONG PT PROV PK 100M S HWY59

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	368	3	0	0	0	0	0	371
FEB	348	0	0	0	0	0	0	348
MAR	365	7	0	0	0	0	0	372
APR	DATA UNAVAILABLE							
MAY	334	8	0	0	0	0	0	342
JUN	354	3	0	0	0	0	0	357
JUL	367	4	1	0	0	0	0	372
AUG	369	3	0	0	0	0	0	372
SEP	344	4	0	0	0	0	0	348
OCT	366	6	0	0	0	0	0	372
NOV	351	8	0	0	0	0	0	359
DEC	336	13	0	0	0	0	0	349
YEAR	3902	59	1	0	0	0	0	3962

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT
OF DATA
VALID

MIN

10

30

CONCENTRATIONS
FREQUENCY DISTRIBUTION, PERCENT

50

70

90

95

98

99

MAX

ARITH
MEAN

98.3

0

0.0

0.0

0.5

1.4

2.4

2.9

3.8

4.4

11

1.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COMS/1000 FT	
STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST														MONTH - JAN 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	0	2	0	3	2	2	0	2	2	0	1	1		
2	2	0	2	2	0	3	***	0	3	2	0	2	2		
3	0	2	0	2	2	2	2	2	0	2	2	3	2		
4	1	5	5	1	3	0	1	0	0	0	2	2	2		
5	1	1	2	0	1	1	2	0	0	0	3	2	1		
6	7	7	3	2	2	2	0	0	0	0	2	3	2		
7	0	1	2	2	0	3	0	2	11	0	1	2	2		
8	2	0	2	3	1	2	0	2	0	1	0	0	1		
9	0	3	3	2	4	3	2	1	0	0	2	2	2		
10	2	4	3	1	2	2	0	1	5	1	3	2	2		
11	2	0	1	2	3	2	0	1	2	0	2	0	1		
12	1	2	2	0	0	0	0	1	0	2	2	1	1		
13	2	2	1	2	2	0	0	0	2	1	4	1	1		
14	0	2	0	0	5	5	0	5	3	0	3	4	2		
15	0	1	2	3	2	3	0	1	2	1	1	5	2		
16	3	1	1	1	0	3	0	0	2	1	1	4	1		
17	3	2	3	2	1	2	0	0	1	1	0	4	2		
18	2	1	2	2	1	1	1	0	2	0	1	0	1		
19	0	0	0	0	0	3	3	0	3	2	2	0	1		
20	0	0	0	0	0	0	0	0	3	2	0	2	1		
21	1	2	0	0	0	3	2	0	1	0	1	1	1		
22	1	3	2	2	2	2	2	2	2	0	0	3	2		
23	3	0	1	2	0	1	1	2	2	0	2	1	1		
24	2	1	2	0	0	0	2	0	2	0	2	1	1		
25	0	0	0	2	3	3	1	0	2	4	1	2	2		
26	3	2	1	2	0	0	1	2	2	1	0	0	1		
27	2	2	0	1	1	1	0	2	0	1	0	4	1		
28	2	0	0	0	2	2	2	2	3	0	0	2	1		
29	0	2	0	2	2	1	4	0	2	1	0	1	1		
30	3	3	1	1	2	1	1	2	1	0	3	0	2		
31	2	2	0	2	2	1	0	0	2	2	1	0	1		
MEAN	2	2	1	1	1	2	1	1	2	1	1	2	1.4		

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COMS/1000 FT	
STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST														MONTH - FEB 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	4	3	0	5	2	0	5	1	1	2	4	0	2		
2	3	0	0	0	2	0	0	0	0	2	2	1	1		
3	2	2	0	0	2	0	2	2	0	0	0	1	1		
4	3	0	2	2	2	1	0	-	-	-	-	-	*****		
5	-	-	-	-	-	0	0	0	0	3	5	4	*****		
6	7	5	0	0	0	2	0	0	0	0	0	2	1		
7	4	4	5	3	2	0	4	2	2	2	2	0	3		
8	0	0	0	0	2	0	2	4	0	0	2	2	1		
9	0	0	0	2	3	2	0	0	0	0	1	0	1		
10	2	0	0	0	1	0	0	0	0	0	0	0	0		
11	0	0	0	2	4	1	2	3	3	2	0	2	1		
12	2	3	3	0	0	2	2	3	3	0	0	2	2		
13	3	5	0	0	0	0	2	2	2	3	2	2	2		
14	2	2	2	3	3	0	0	0	0	0	2	2	1		
15	2	3	0	2	0	2	2	0	0	2	0	0	1		
16	0	0	0	0	0	0	0	0	0	0	0	0	0		
17	0	0	0	0	0	0	2	0	0	0	0	0	0		
18	0	0	0	0	0	0	0	0	0	0	0	0	0		
19	0	2	3	3	1	4	2	4	5	2	2	5	3		
20	3	7	8	5	3	8	7	2	2	2	3	4	5		
21	2	5	5	3	4	3	3	5	7	0	2	2	3		
22	0	0	0	0	2	0	2	2	1	1	0	2	1		
23	0	0	0	0	2	0	0	2	2	0	0	0	1		
24	0	0	0	0	0	0	0	0	0	0	0	0	0		
25	0	0	0	0	0	0	0	0	0	0	0	0	0		
26	0	0	0	0	2	0	0	0	0	0	0	2	0		
27	0	0	2	0	2	0	0	0	0	0	0	0	0		
28	0	0	2	0	2	0	0	1	1	0	0	0	1		
29	0	2	0	0	0	0	0	0	0	0	0	0	0		
MEAN	1	2	1	1	2	1	1	1	1	1	1	1	1.1		

PERCENTAGE OF DATA VALID - 97.1

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 2.9

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINGBROOKE WEST													MONTH - MAR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	2	0	0	0	0	0	0	0	0	0	0	0	0	
3	0	0	0	2	0	0	0	0	0	0	0	0	0	
4	0	1	1	2	2	2	4	2	0	0	4	3	2	
5	1	6	6	3	2	5	5	1	2	6	6	0	4	
6	2	0	1	2	2	3	2	0	0	0	2	1	1	
7	3	0	2	2	5	2	0	1	2	2	1	2	2	
8	5	0	0	2	2	0	1	1	2	2	0	2	1	
9	5	0	0	2	2	2	3	2	0	2	4	2	2	
10	3	4	2	4	6	4	3	0	0	3	1	2	3	
11	0	0	0	2	0	0	2	1	2	4	2	0	1	
12	0	1	2	0	1	1	2	0	0	4	0	1	1	
13	3	0	0	0	1	3	0	0	1	0	3	3	1	
14	2	3	1	0	0	4	4	0	0	2	3	0	1	
15	0	1	1	1	0	0	2	0	0	0	3	0	1	
16	1	3	0	2	1	2	1	0	0	0	2	1	1	
17	0	3	1	0	0	2	0	3	2	2	1	3	2	
18	3	0	2	3	1	1	0	2	0	0	3	3	1	
19	0	0	2	4	2	3	2	7	3	1	0	2	2	
20	2	1	2	4	1	4	0	4	2	2	4	6	3	
21	3	2	1	0	0	2	3	2	0	0	2	0	1	
22	0	2	1	3	0	0	0	0	2	2	0	3	1	
23	0	2	3	2	3	0	2	4	1	1	2	0	2	
24	2	0	2	6	0	0	0	3	2	0	1	3	2	
25	2	4	1	3	0	0	0	2	4	1	0	1	2	
26	3	2	0	5	2	2	6	0	4	2	0	3	2	
27	3	0	1	0	2	0	0	1	0	0	1	0	1	
28	1	2	0	4	8	3	5	0	2	2	3	3	3	
29	2	0	3	2	2	0	2	5	1	1	0	3	2	
30	3	4	2	1	0	2	2	0	3	0	0	3	2	
31	1	0	2	3	0	0	1	0	0	0	4	4	1	
MEAN	2	1	1	2	1	2	2	1	1	1	2	2	1.6	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINGBROOKE WEST													MONTH - APR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	2	0	2	2	2	0	-	-	2	2	1	
2	3	3	0	3	4	2	0	0	5	2	3	2	2	
3	3	0	0	2	2	0	0	2	0	0	0	0	1	
4	5	2	5	0	0	0	0	0	2	4	0	2	2	
5	0	0	0	2	2	0	0	2	0	0	0	0	1	
6	0	3	0	6	3	0	2	0	0	0	7	2	2	
7	0	5	0	0	2	0	2	0	0	3	1	2	1	
8	2	0	0	0	2	0	0	0	2	0	1	2	1	
9	0	0	0	0	2	0	0	0	2	0	1	2	1	
10	3	0	2	2	0	2	0	3	0	0	3	0	1	
11	0	0	2	0	0	0	2	1	0	2	0	2	1	
12	3	3	2	0	3	3	2	0	0	0	4	2	2	
13	0	2	2	0	0	0	2	0	0	3	3	2	1	
14	0	0	0	0	2	0	0	0	0	2	0	0	1	
15	0	2	0	0	0	0	0	0	0	0	0	2	1	
16	0	0	0	0	2	0	0	0	0	0	0	0	0	
17	2	3	0	0	2	0	0	0	2	2	3	3	1	
18	2	0	3	0	3	2	0	3	0	5	2	7	2	
19	2	3	3	5	2	3	3	7	5	0	3	2	3	
20	2	3	0	1	2	0	0	0	3	0	2	0	1	
21	2	3	2	0	2	3	3	0	4	4	0	3	2	
22	0	2	2	2	2	0	2	3	2	3	0	2	2	
23	2	0	2	2	0	0	2	2	0	0	3	0	1	
24	0	3	0	0	7	3	2	0	5	0	0	2	2	
25	2	3	2	2	0	3	0	0	2	2	3	0	2	
26	2	3	2	3	2	0	3	4	3	1	2	3	2	
27	2	3	3	2	0	4	1	0	0	2	0	0	1	
28	5	5	4	2	2	3	2	1	0	0	2	2	2	
29	2	0	0	2	2	0	2	0	2	5	3	6	2	
30	6	0	8	3	0	0	0	4	2	4	1	2	3	
MEAN	2	2	2	1	2	1	1	1	1	2	2	2	1.5	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NMP NO 22902

TYNESIDE/CHIPPEWA RD BINDROOKE WEST

MONTH - MAY 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	3	6	4	3	3	3	0	0	2	0	2
2	3	2	2	2	0	0	2	0	4	3	0	2	2
3	2	2	1	2	2	0	0	1	0	0	0	0	1
4	0	0	0	2	7	0	0	0	0	2	0	5	1
5	0	2	0	3	2	1	2	2	2	0	0	0	1
6	2	2	0	1	0	2	2	0	0	0	0	2	1
7	5	2	0	2	2	0	0	1	0	0	0	2	1
8	0	0	3	0	0	0	4	0	2	0	2	2	1
9	0	0	0	0	0	0	0	2	0	0	0	2	0
10	0	0	0	0	0	0	0	0	0	0	2	2	1
11	5	2	1	0	3	0	0	0	2	0	0	0	1
12	0	2	5	2	3	0	0	0	0	3	2	2	2
13	3	0	0	0	0	0	0	0	0	2	0	0	0
14	0	4	0	0	0	0	2	0	0	0	1	2	1
15	2	1	2	0	1	0	0	0	0	2	3	2	1
16	2	2	0	2	2	....	3	1	0	3	2	5	2
17	3	3	0	3	3	2	2	0	2	5	2	2	2
18	0	2	0	0	2	0	0	0	0	0	0	0	0
19	2	0	2	0	2	2	2	0	0	0	0	2	1
20	2	0	0	0	2	0	0	0	....	0	0	0	0
21	3	0	5	2	0	0	5	0	2	2	0	5	2
22	3	0	2	3	2	7	2	3	4	3	2	2	3
23	4	2	3	3	7	5	2	8	3	2	8	5	4
24	5	3	2	2	3	2	7	2	3	3	3	5	3
25	3	2	4	3	3	3	0	2	0	2	0	0	2
26	6	4	0	2	2	0	0	0	0	0	3	0	1
27	2	0	0	2	0	0	7	4	3	2	4	3	2
28	2	0	2	3	0	0	0	3	5	2	3	0	2
29	0	0	0	0	0	0	0	0	2	11	3	2	2
30	2	2	0	0	5	6	0	2	0	2	2	0	2
31	2	2	0	3	5	2	0	1	2	0	0	1	2
MEAN	2	1	1	2	2	1	1	1	1	2	1	2	1.5

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. .. INDICATES DATA IS UNAVAILABLE

3. INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NMP NO 22902

TYNESIDE/CHIPPEWA RD BINDROOKE WEST

MONTH - JUN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	0	0	0	0	0	0	0	0	0	0
2	0	2	0	1	0	0	0	0	0	3	0	3	1
3	2	0	0	3	4	7	3	0	1	3	0	1	2
4	0	0	0	0	0	0	1	3	3	2	2	1	1
5	1	0	0	0	0	....	....	1	2	2	1	4	1
6	1	2	1	2	2	0	5	2	3	2	3	3	2
7	2	4	2	3	1	0	0	2	0	0	0	2	1
8	0	1	2	1	0	1	2	1	0	0	2	0	1
9	0	2	0	4	1	0	2	1	2	1	0	2	1
10	0	3	0	3	0	3	2	2	2	0	2	1	2
11	2	4	5	2	0	2	2	1	2	2	2	2	2
12	2	5	4	2	0	2	2	0	2	1	0	2	2
13	3	4	5	3	1	2	3	3	2	1	2	5	3
14	2	3	5	4	4	2	2	3	3	3	2	3	3
15	3	2	3	0	5	7	5	4	1	3	0	0	3
16	0	1	2	0	0	1	2	2	0	0	3	3	1
17	2	1	0	7	3	4	5	0	4	0	3	0	2
18	1	1	2	1	3	3	2	3	2	2	1	1	2
19	2	3	2	2	3	1	1	0	2	1	2	1	2
20	1	3	0	0	1	1	1	0	1	1	0	1	1
21	2	0	1	1	0	2	1	1	0	1	0	2	1
22	3	0	1	1	0	3	2	2	0	2	2	2	2
23	1	1	3	1	3	1	3	0	0	0	1	3	1
24	1	3	2	2	2	2	2	1	2	2	1	1	2
25	2	5	3	3	1	0	3	2	1	2	0	1	2
26	1	2	2	2	1	1	2	0	2	0	2	1	1
27	1	3	5	2	2	3	2	0	2	1	1	2	2
28	2	0	0	2	1	3	1	1	0	1	0	2	1
29	1	1	2	1	1	2	2	1	1	1	1	1	1
30	1	0	0	1	0	0	1	0	1	0	2	0	1
MEAN	1	2	2	2	1	2	2	1	1	1	1	2	1.6

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. .. INDICATES DATA IS UNAVAILABLE

3. INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - NMP NO 22902 TYNESIDE/CHIPPENAW RD BINBROOKE WEST														MONTH - JUL 80	
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	2	1	2	1	1	1	2	1	2	2	0	0	1		
2	0	1	2	2	1	1	3	0	1	1	1	2	1		
3	0	1	1	0	0	0	2	1	1	2	1	1	1		
4	0	1	2	1	1	2	2	2	1	4	3	1	2		
5	1	2	4	1	2	7	0	1	4	3	3	1	2		
6	1	0	0	2	0	2	1	0	2	1	2	0	1		
7	0	0	5	7	2	0	1	2	5	0	5	5	3		
8	1	0	3	0	1	2	0	1	1	2	2	0	1		
9	0	1	3	3	0	2	1	3	1	0	2	1	1		
10	3	1	1	2	0	0	3	0	1	5	2	5	2		
11	2	0	2	3	0	2	0	1	3	2	0	2	1		
12	0	2	1	2	0	0	0	0	0	0	0	0	0		
13	3	1	0	3	0	0	0	0	0	1	1	2	1		
14	0	0	2	2	2	2	0	1	3	2	2	3	2		
15	2	2	3	4	2	5	2	1	1	2	0	3	2		
16	3	2	2	2	2	2	2	2	1	0	0	0	2		
17	0	2	4	0	0	0	2	3	2	1	2	0	1		
18	2	4	3	1	3	0	4	0	0	2	0	8	2		
19	2	9	0	2	0	3	4	2	6	2	4	3	3		
20	3	2	5	1	5	3	1	1	2	4	0	4	3		
21	1	2	0	3	4	0	2	3	2	2	2	2	2		
22	0	3	0	2	1	2	2	0	2	2	3	3	2		
23	0	3	1	2	8	5	0	1	3	4	2	2	3		
24	2	2	2	4	2	0	2	3	8	2	3	1	3		
25	2	7	0	3	1	7	0	4	0	0	2	1	2		
26	0	1	2	3	0	1	2	2	1	0	2	3	1		
27	2	8	2	3	2	0	2	0	2	2	0	0	2		
28	2	3	2	3	0	1	0	5	0	4	0	0	2		
29	2	0	2	1	1	3	2	0	3	2	1	2	2		
30	2	0	2	0	0	2	0	1	1	1	1	3	1		
31	1	2	2	0	0	0	1	4	2	0	3	0	1		
MEAN	1	2	2	2	1	2	1	1	2	2	2	2	1.7		

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - NMP NO 22902 TYNESIDE/CHIPPENAW RD BINBROOKE WEST														MONTH - AUG 80	
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	1	4	1	0	-	0	5	0	0	2	2	5	2		
2	3	1	1	2	3	1	2	0	0	0	0	0	1		
3	0	3	2	0	3	0	2	0	3	4	1	0	2		
4	1	1	3	5	1	3	2	1	1	2	1	2	2		
5	3	2	2	2	2	1	0	2	3	0	0	0	1		
6	2	0	2	0	0	3	1	1	4	1	5	0	2		
7	3	3	4	2	2	0	0	1	3	0	0	2	2		
8	1	1	1	1	0	1	2	3	0	2	1	1	1		
9	2	2	3	1	0	1	2	1	3	2	1	0	2		
10	1	1	2	0	1	0	1	1	1	0	3	2	1		
11	2	2	0	0	0	0	2	2	0	1	1	0	1		
12	1	2	2	1	1	2	0	2	0	2	3	3	2		
13	0	2	0	0	2	0	0	0	2	0	0	1	1		
14	2	2	0	1	2	2	0	3	0	2	0	2	1		
15	2	0	1	0	2	2	0	0	0	1	0	1	1		
16	3	0	0	2	0	1	3	0	1	0	1	1	1		
17	3	2	5	2	1	1	2	0	0	2	0	1	2		
18	0	0	0	3	0	3	3	4	2	2	1	2	2		
19	4	3	2	2	1	1	2	3	0	0	1	3	2		
20	0	1	0	1	3	2	0	2	0	0	2	1	1		
21	2	2	2	0	2	0	2	1	5	2	5	5	2		
22	0	2	0	2	2	2	6	0	0	2	1	2	1		
23	2	2	4	4	2	0	2	0	1	0	3	4	2		
24	3	1	2	3	0	2	0	0	3	0	3	2	2		
25	2	2	3	0	2	1	0	1	2	0	0	3	1		
26	0	0	3	1	0	2	3	2	2	0	1	4	2		
27	2	2	0	0	0	3	5	3	2	1	7	3	2		
28	2	0	0	2	0	0	7	2	1	0	0	1	1		
29	2	0	3	4	3	1	4	0	2	0	3	2	2		
30	2	3	2	2	3	0	0	5	0	3	1	4	2		
31	1	0	1	0	1	1	1	3	1	1	1	1	1		
MEAN	2	1	2	1	1	1	2	1	1	1	2	2	1.5		

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 CGHS/1000 FT

STATION - NMP NO 22902

TYNESIDE/CHIPPEWA RD BINBROOKE WEST

MONTH - SEP 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	2	0	1	1	0	4	2	1	0	0	1
2	0	0	1	0	2	1	0	---	2	2	0	1	1
3	0	0	0	3	1	4	0	0	5	2	1	0	1
4	5	2	0	1	3	0	2	1	1	2	0	3	2
5	2	0	3	0	0	3	1	0	2	1	0	1	1
6	0	1	4	0	0	0	2	3	1	1	0	0	1
7	1	1	1	2	0	0	1	0	0	0	3	1	1
8	0	1	2	2	1	0	0	2	2	4	0	2	1
9	3	4	2	1	3	1	0	2	3	0	2	0	2
10	3	0	0	0	0	0	2	0	2	1	3	0	1
11	0	4	2	2	0	2	1	0	2	1	4	0	2
12	4	7	2	3	1	0	1	5	5	4	0	5	2
13	2	1	0	0	0	1	4	0	3	2	2	4	2
14	2	2	0	2	1	0	0	1	0	2	0	0	1
15	2	3	5	5	0	0	2	---	0	2	0	1	2
16	2	0	3	0	1	3	2	1	2	4	0	1	2
17	0	3	0	3	7	2	0	0	2	0	2	0	2
18	2	2	3	0	2	1	2	0	2	2	0	1	1
19	1	2	0	1	2	1	2	2	0	0	2	2	1
20	2	0	2	2	2	4	2	0	3	2	5	0	2
21	2	0	0	2	2	0	0	1	3	4	4	0	2
22	2	1	3	0	0	0	2	0	1	0	0	2	1
23	1	2	0	0	0	2	2	1	2	2	3	2	2
24	1	1	3	4	1	0	0	3	3	2	1	2	2
25	0	4	2	3	7	0	0	2	2	5	0	1	1
26	0	3	0	1	0	0	3	0	2	2	0	4	2
27	3	2	0	3	0	1	2	0	2	0	3	1	1
28	0	3	0	2	2	0	4	0	2	2	4	1	2
29	2	0	3	0	2	3	0	4	0	10	4	1	2
30	4	4	0	4	3	0	2	2	0	0	3	4	2
MEAN	2	2	1	2	2	1	1	1	2	2	1	1	1.5

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 CGHS/1000 FT

STATION - NMP NO 22902

TYNESIDE/CHIPPEWA RD BINBROOKE WEST

MONTH - OCT 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	4	2	2	3	0	1	2	0	2	2	1	2
2	0	1	3	0	2	2	---	---	---	---	---	---	-----
3							- DATA INVALID -						
4							- DATA INVALID -						
5							- DATA INVALID -						
6							- DATA INVALID -						
7							- DATA INVALID -						
8							- DATA INVALID -						
9							- DATA INVALID -						
10	----	----	----	----	----	----	0	2	0	2	1	3	-----
11	5	7	4	2	0	3	2	0	0	1	0	0	2
12	0	0	2	0	0	1	2	0	0	0	0	0	0
13	0	2	0	0	0	0	2	1	2	0	0	3	1
14	3	1	0	3	0	1	2	2	0	2	1	0	1
15	3	4	3	3	0	0	0	3	4	2	2	0	2
16	0	3	3	5	4	2	2	2	0	2	2	5	3
17	3	4	0	3	3	3	0	4	2	2	0	2	1
18	0	0	0	0	0	1	0	2	1	0	3	2	0
19	0	0	0	0	0	0	2	0	0	0	0	0	1
20	2	2	0	1	0	0	1	2	2	0	1	0	1
21	0	2	1	3	1	2	0	0	0	3	0	0	1
22	0	3	0	0	2	0	0	1	0	0	2	2	1
23	2	3	7	2	0	0	0	0	0	2	0	1	1
24	1	2	0	2	0	2	4	2	3	2	1	0	2
25	1	1	0	2	1	2	0	0	0	2	0	1	1
26	0	2	0	0	0	0	4	0	0	0	2	2	1
27	0	0	2	2	2	0	0	2	1	0	2	2	1
28	0	2	0	1	4	2	2	1	0	0	2	2	1
29	2	2	0	3	0	2	1	2	2	2	4	1	2
30	0	0	0	3	0	0	0	0	0	2	2	1	1
31	2	2	5	2	0	2	2	1	0	0	0	3	2
MEAN	1	2	1	2	1	1	1	1	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 74.2

PERCENTAGE OF DATA INVALID - 25.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 CONCS/1000 FT

STATION - NMP NO 22902

TYNESIDE/CHIPPEWA RD BINDROOKE WEST

MONTH - NOV 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	2	0	0	0	1	0	0	2	0	1	1
2	0	1	0	2	2	0	0	0	1	0	1	0	1
3	0	0	1	0	0	1	5	2	1	3	2	0	1
4	0	2	1	0	0	0	0	2	0	0	0	0	0
5	0	0	3	2	2	0	0	1	0	1	1	2	1
6	2	0	0	0	0	2	2	3	2	2	3	2	2
7	5	0	5	4	1	3	4	3	2	0	2	0	2
8	3	0	3	0	0	0	0	0	3	1	2	4	1
9	4	0	5	5	2	2	2	0	0	0	0	2	2
10	0	0	0	0	2	0	0	0	4	0	2	0	1
11	0	0	0	2	1	0	2	0	0	0	0	0	0
12	1	0	2	0	0	0	1	0	2	1	0	0	0
13	1	3	1	0	3	0	0	2	2	2	7	5	2
14	3	2	2	0	0	0	2	3	2	0	2	2	1
15	1	2	1	1	0	0	1	1	0	0	5	0	1
16	0	0	0	0	0	2	1	3	2	1	1	0	1
17	0	1	0	1	2	0	3	1	3	3	2	0	1
18	1	0	0	2	2	0	0	1	0	0	0	0	1
19	2	0	2	2	3	0	0	4	1	2	5	2	2
20	3	2	5	6	3	3	0	3	2	1	3	3	3
21	2	0	0	0	0	2	1	1	0	0	0	0	1
22	0	0	1	0	2	2	2	1	0	1	0	1	1
23	3	0	4	2	2	7	5	0	3	0	3	3	3
24	2	4	5	2	2	2	0	2	2	1	3	1	2
25	4	2	0	0	3	1	0	2	0	4	5	0	2
26	2	3	1	0	0	0	0	1	0	0	2	2	1
27	3	0	0	0	0	0	2	3	0	2	2	0	1
28	0	0	1	0	1	2	0	3	1	0	2	0	1
29	1	2	3	0	0	1	2	0	0	0	2	0	1
30	0	2	0	0	2	2	2	0	0	0	1	0	1
MEAN	2	1	2	1	1	1	1	2	1	1	2	1	1.3

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 CONCS/1000 FT

STATION - NMP NO 22902

TYNESIDE/CHIPPEWA RD BINDROOKE WEST

MONTH - DEC 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	3	3	2	4	2	2	3	1	2	2
2	2	2	0	2	-	-	3	4	0	0	2	2	2
3	3	0	0	0	0	0	1	0	2	2	3	2	1
4	0	5	4	0	2	2	-	0	0	1	2	2	2
5	2	3	0	1	3	0	5	3	2	2	0	3	2
6	1	2	2	1	0	2	2	0	0	3	2	4	2
7	4	4	7	2	3	2	5	5	3	4	5	2	4
8	0	0	0	1	3	2	1	2	1	0	1	2	1
9	1	0	2	2	0	2	0	0	2	1	4	1	1
10	0	0	1	1	2	0	2	1	1	2	0	3	1
11	1	0	0	0	3	0	0	2	0	2	0	1	1
12	4	0	2	2	2	1	2	3	2	1	3	2	2
13	2	1	0	2	1	2	2	0	0	0	2	1	1
14	0	0	2	0	0	0	2	0	2	0	1	1	1
15	3	2	2	0	2	0	2	0	1	4	9	16	3
16	5	7	9	11	4	7	2	1	3	2	0	1	4
17	1	2	1	1	0	3	1	2	1	0	2	2	1
18	3	3	0	4	0	2	0	2	2	1	0	2	1
19	3	1	0	2	3	1	1	2	0	1	0	2	2
20	1	3	2	1	1	2	1	2	1	2	0	2	2
21	0	1	2	0	0	0	2	3	1	1	0	0	1
22	0	2	2	3	2	2	3	3	3	2	0	1	2
23	2	3	3	2	2	4	1	0	0	0	0	2	2
24	-	-	-	-	-	-	-	-	2	0	3	0	0
25	2	2	1	0	2	2	0	1	0	1	0	0	1
26	2	2	2	2	1	2	1	1	1	0	3	0	1
27	1	2	2	2	2	5	5	2	2	2	5	3	3
28	2	2	2	1	2	3	1	2	1	2	2	3	2
29	3	2	2	2	3	3	3	2	2	2	3	2	2
30	2	1	2	0	2	2	1	4	2	2	2	5	2
31	3	6	3	0	1	2	2	0	3	1	1	0	2
MEAN	2	2	2	2	2	2	2	2	1	1	2	2	1.8

PERCENTAGE OF DATA VALID - 97.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 3.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.4	2	11
FEB	27	1.1	5	8
MAR	31	1.6	4	8
APR	30	1.5	3	8
MAY	31	1.5	4	11
JUN	30	1.6	3	7
JUL	31	1.7	3	9
AUG	31	1.5	2	7
SEP	30	1.5	3	10
OCT	22	1.3	3	7
NOV	30	1.3	3	7
DEC	30	1.8	4	16
YEAR	354	1.5	5	16

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	360	9	1	0	0	0	0	370
FEB	320	18	0	0	0	0	0	338
MAR	353	17	0	0	0	0	0	370
APR	339	19	0	0	0	0	0	358
MAY	344	25	1	0	0	0	0	370
JUN	343	14	0	0	0	0	0	357
JUL	351	21	0	0	0	0	0	372
AUG	358	13	0	0	0	0	0	371
SEP	345	13	0	0	0	0	0	358
OCT	270	6	0	0	0	0	0	276
NOV	345	15	0	0	0	0	0	360
DEC	343	16	1	1	0	0	0	361
YEAR	4071	186	3	1	0	0	0	4261

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.0	0	0.0	0.0	0.9	1.7	2.9	3.9	4.9	6.3	16	1.5

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - WC NO 26001 PUBLIC UTILITY SS 65 WEBER ST S WATERLOO													MONTH - JAN 80
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	2	0	2	1	3	2	2	3	4	1	2	2
2	2	2	1	0	3	3	4	2	2	2	2	1	2
3	0	0	1	1	0	2	0	0	0	2	2	1	1
4	3	3	3	2	3	3	***	0	2	2	1	2	2
5	0	3	0	1	0	0	2	2	2	3	2	0	2
6	3	2	3	3	4	3	2	2	2	0	2	3	3
7	3	1	2	2	0	3	2	2	4	2	1	2	2
8	0	2	2	0	0	3	***	1	3	2	2	1	1
9	0	4	1	2	2	2	3	2	2	2	0	0	2
10	2	2	0	4	1	2	3	4	3	3	1	3	2
11	2	4	4	1	2	3	1	0	1	2	2	2	2
12	2	0	2	0	3	2	0	1	2	0	3	1	1
13	2	2	0	3	2	3	3	3	2	2	4	3	2
14	0	0	0	2	2	4	3	2	2	2	4	1	2
15	2	1	1	0	3	2	2	1	0	0	2	0	1
16	3	0	3	1	0	3	2	1	2	2	2	5	2
17	1	4	3	6	2	3	4	2	0	2	2	2	3
18	3	2	2	2	2	***	-	***	2	3	0	2	2
19	1	2	0	0	2	0	3	1	3	0	0	1	1
20	0	0	0	0	0	0	0	3	0	0	0	0	0
21	2	0	0	0	3	2	1	1	2	3	1	2	1
22	2	3	3	2	0	3	4	1	4	0	2	3	2
23	1	0	2	2	0	2	2	1	0	0	0	0	1
24	0	2	0	0	3	2	2	1	2	2	2	4	2
25	2	2	2	2	5	2	3	3	3	3	2	3	3
26	2	2	0	3	1	2	0	2	2	1	0	0	1
27	0	2	2	2	0	0	3	0	2	2	2	0	1
28	2	0	2	0	3	2	0	5	2	1	4	2	2
29	2	2	1	1	2	2	4	0	2	2	2	5	2
30	2	0	0	2	1	2	2	0	2	3	0	4	2
31	2	0	2	2	0	3	2	0	0	2	0	0	1
MEAN	2	2	1	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - WC NO 26001 PUBLIC UTILITY SS 65 WEBER ST S WATERLOO													MONTH - FEB 80
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	0	0	2	2	3	0	2	2	2	2	1
2	0	0	1	0	2	2	3	0	0	4	2	1	1
3	2	2	1	0	0	2	0	2	0	2	2	2	1
4	0	2	0	0	2	1	2	0	2	3	2	2	1
5	2	2	0	3	7	11	***	9	1	8	11	5	5
6	2	1	0	1	0	5	5	0	3	4	0	1	2
7	2	2	2	3	7	2	0	2	2	0	3	3	2
8	1	5	0	0	0	0	3	0	2	4	2	0	1
9	0	0	0	2	2	3	0	1	1	3	2	0	1
10	1	2	0	4	0	0	2	2	2	0	3	3	2
11	5	1	3	4	0	5	4	***	2	5	0	2	3
12	0	2	0	2	2	3	0	0	4	4	0	0	2
13	1	5	4	4	6	3	0	7	0	3	0	0	3
14	3	7	3	2	2	5	2	2	2	1	7	4	3
15	5	2	9	2	3	1	5	2	0	3	2	4	3
16	0	2	2	2	2	0	0	2	3	0	8	2	2
17	0	0	0	2	5	0	3	4	0	4	2	2	2
18	3	2	3	0	7	0	2	2	0	3	0	2	2
19	2	0	0	3	2	***	0	3	3	3	7	7	3
20	7	5	3	8	2	5	8	2	3	9	0	3	5
21	0	2	1	0	6	6	0	3	3	1	2	4	2
22	3	0	0	2	0	2	2	0	6	2	2	0	2
23	0	2	0	2	0	0	0	7	3	2	6	2	2
24	1	1	2	0	0	2	2	0	3	0	2	0	1
25	2	2	2	2	4	***	***	***	***	***	***	***	***
26													
27													
28													
29													
30													
31													
MEAN	2	2	1	2	3	3	2	3	2	3	3	2	2.2

PERCENTAGE OF DATA VALID - 83.3

PERCENTAGE OF DATA INVALID - 16.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 CONCS/1000 FT

STATION - WC NO 26001

PUBLIC UTILITY SS 65 WEBER ST S WATERLOO

MONTH - MAR 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18	****	****	****	****	****	****	****	****	5	5	1	2	*****
19	2	2	2	2	2	0	2	0	2	4	1	3	2
20	0	1	0	2	1	5	2	3	3	2	0	2	2
21	0	4	2	0	0	6	1	0	0	0	2	2	1
22	0	2	2	0	0	2	1	1	2	1	4	1	1
23	1	2	7	2	2	0	0	0	3	3	4	3	2
24	2	13	4	1	2	2	5	1	3	0	2	0	3
25	3	0	0	2	2	***	0	2	0	3	2	2	1
26	0	0	2	0	0	3	0	2	7	3	1	0	2
27	3	6	6	2	3	3	5	1	0	0	3	2	3
28	7	2	2	5	1	6	2	3	5	4	3	2	4
29	0	1	0	1	2	2	0	0	3	5	1	2	1
30	2	1	1	0	5	1	1	0	2	0	1	0	1
31	0	0	3	0	0	3	0	0	2	5	3	1	1
MEAN	2	2	2	1	2	3	1	1	3	3	2	2	1.9

PERCENTAGE OF DATA VALID - 42.7

PERCENTAGE OF DATA INVALID - 57.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 CONCS/1000 FT

STATION - WC NO 26001

PUBLIC UTILITY SS 65 WEBER ST S WATERLOO

MONTH - APR 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	1	1	0	1	2	0	8	3	3	2	2
2	5	1	3	2	0	5	1	0	0	0	0	0	1
3	0	0	1	0	0	0	2	***	***	***	***	***	*****
4													
5													
6													
7													
8													
9													
10	0	2	0	5	2	8	0	0	1	4	0	0	2
11	0	2	1	0	0	2	3	3	2	1	5	3	1
12	2	2	2	2	1	2	5	0	0	1	0	0	1
13	0	2	0	0	1	2	2	1	0	0	1	1	1
14	0	0	3	2	0	0	3	2	0	0	6	1	1
15	0	0	0	1	0	2	0	2	0	0	0	0	0
16	0	0	2	0	0	0	3	0	0	5	0	1	1
17	0	4	0	2	1	1	0	0	0	3	0	2	1
18	0	2	2	3	2	1	0	0	3	0	1	0	1
19	11	11	9	8	1	1	1	3	3	2	2	1	4
20	0	2	5	1	0	0	0	2	0	0	0	0	1
21	0	0	0	1	0	1	1	3	2	1	0	0	1
22	4	0	1	0	0	2	1	0	1	0	8	0	1
23	0	2	0	3	0	0	3	2	2	0	0	0	1
24	0	0	0	2	2	0	0	2	0	1	0	2	1
25	0	4	0	2	0	2	1	0	0	0	0	0	1
26	3	0	5	4	0	0	0	2	1	0	2	1	1
27	1	1	1	2	2	1	0	0	0	2	2	0	1
28	0	1	0	2	3	1	2	0	0	2	2	0	1
29	0	1	0	0	***	0	2	0	3	0	2	0	1
30	0	4	0	0	5	2	0	0	0	2	0	0	1
MEAN	1	2	2	2	1	1	1	1	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 78.3

PERCENTAGE OF DATA INVALID - 20.0

PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 26001

PUBLIC UTILITY SS 65 WEBER ST S WATERLOO

MONTH - MAY 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	2	1	3	2	0	2	0	0	2	1	1	2
2	4	0	1	2	1	0	2	2	2	0	1	2	1
3	2	1	0	0	0	1	0	0	3	0	0	3	1
4	0	2	1	0	0	2	0	0	2	1	0	1	1
5	0	1	0	1	0	2	0	2	0	0	4	0	1
6	0	2	2	1	0	0	0	0	1	0	0	2	1
7	4	0	3	1	2	0	1	2	2	0	2	0	1
8	0	2	2	0	0	0	2	0	0	0	2	0	1
9	2	0	2	2	0	0	1	0	1	3	0	0	1
10	0	2	0	0	0	1	0	1	0	0	0	0	0
11	0	2	2	2	0	1	0	1	0	0	2	0	1
12	0	0	0	3	0	0	0	2	3	0	0	0	1
13	3	0	2	0	1	0	2	1	1	1	1	1	1
14	0	0	0	2	0	1	0	1	1	0	1	0	0
15	1	1	0	0	0	0	2	0	0	1	0	1	1
16	0	1	0	2	***	0	0	0	0	4	1	0	1
17	4	0	0	2	0	2	2	2	1	0	0	2	1
18	0	2	0	0	0	1	2	0	1	0	4	0	1
19	0	2	2	0	0	2	0	2	0	0	2	0	1
20	0	1	0	0	4	0	0	3	3	0	0	2	1
21	1	0	0	2	6	0	2	0	0	4	2	0	1
22	0	5	0	0	1	0	0	3	0	2	0	1	1
23	3	0	1	0	3	2	0	2	2	0	2	1	1
24	1	2	2	0	0	0	1	2	0	0	0	5	1
25	1	0	2	2	0	0	0	0	0	0	2	0	1
26	0	0	0	2	0	2	0	2	0	0	3	0	1
27	2	0	0	0	0	0	0	2	5	2	0	2	1
28	0	0	3	2	0	1	0	0	0	2	0	6	1
29	2	0	0	0	0	0	3	0	2	0	1	1	1
30	0	1	1	0	0	0	3	2	0	0	0	1	1
31	0	0	0	0	0	2	0	1	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 26001

PUBLIC UTILITY SS 65 WEBER ST S WATERLOO

MONTH - JUN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	1	3	0	2	2	0	0	3	0	1	1	1
2	1	0	1	3	0	2	2	0	0	0	2	0	1
3	0	2	1	2	0	0	2	0	3	0	2	0	1
4	0	0	0	1	0	0	0	0	0	0	1	0	0
5	0	2	0	***	0	2	2	0	3	0	1	0	1
6	5	4	0	2	2	2	1	3	7	3	0	2	3
7	0	0	3	2	2	0	0	2	0	0	2	0	1
8	0	0	0	2	0	2	0	2	2	0	0	0	1
9	0	0	0	0	2	0	0	0	0	0	0	0	0
10	0	2	0	0	0	1	2	4	0	2	0	1	1
11	3	0	2	2	2	0	0	0	0	2	2	0	1
12	2	0	1	0	4	2	1	0	2	0	0	0	1
13	2	2	1	0	1	0	0	0	0	5	2	0	1
14	1	2	1	0	1	3	2	2	0	0	0	2	1
15	0	0	1	4	2	2	1	1	0	0	0	2	1
16	0	0	0	0	2	2	0	0	0	0	3	0	1
17	1	1	2	0	0	1	***	-	-	-	-	-	*****
18							-	-	-	-	-	-	-
19							-	-	-	-	-	-	-
20							-	-	-	-	-	-	-
21							-	-	-	-	-	-	-
22							-	-	-	-	-	-	-
23							-	-	-	-	-	-	-
24							-	-	-	-	-	-	-
25							-	-	-	-	-	-	-
26							-	-	-	-	-	-	-
27							-	-	-	-	-	-	-
28							-	-	-	-	-	-	-
29							-	-	-	-	-	-	-
30							-	-	-	-	-	-	-
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 54.7

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 44.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 26001 PUBLIC UTILITY SS 65 WEBER ST S WATERLOO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.7	3	6
FEB	24	2.2	5	11
MAR	13	1.9	4	13
APR	23	1.3	4	11
MAY	31	0.9	2	6
JUN	16	1.0	3	7
YEAR	138	1.5	5	13

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 26001 PUBLIC UTILITY SS 65 WEBER ST S WATERLOO

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	361	6	0	0	0	0	0	367
FEB	251	37	2	0	0	0	0	290
MAR	141	17	1	0	0	0	0	159
APR	264	16	2	0	0	0	0	282
MAY	365	6	0	0	0	0	0	371
JUN	194	3	0	0	0	0	0	197
YEAR	1576	85	5	0	0	0	0	1666

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
76.3	0	0.0	0.0	0.8	1.6	2.9	4.1	5.8	7.0	13	1.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CGMS/1000 FT	
STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER													MONTH - JAN 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	1	2	0	2	0	0	2	5	1	1	2	1	
2	0	0	0	2	1	2	3	4	2	2	3	2	2	
3	0	2	0	0	5	3	2	7	6	2	2	3	3	
4	3	1	4	2	0	3	3	0	2	1	2	0	1	
5	1	0	0	0	0	2	2	2	0	0	3	1	2	
6	3	3	2	1	1	0	2	2	1	0	5	1	1	
7	0	2	1	2	0	0	1	2	2	0	2	0	1	
8	0	2	3	1	0	----	1	2	2	1	0	1	1	
9	0	1	0	0	0	----	0	0	2	0	2	1	1	
10	1	0	2	1	0	3	2	3	1	0	0	2	1	
11	3	0	1	0	3	7	2	0	3	2	0	5	2	
12	3	1	0	0	2	2	0	2	1	3	0	2	1	
13	1	0	0	0	0	0	0	0	0	0	0	5	1	
14	0	0	1	1	0	1	2	0	0	1	2	2	2	
15	0	3	2	2	1	2	0	6	2	0	0	2	2	
16	2	1	0	3	2	1	9	2	3	1	3	2	2	
17	5	2	0	0	0	6	11	2	4	7	5	3	4	
18	0	7	9	11	14	----	4	0	0	4	4	5	5	
19	0	0	2	0	5	3	2	2	1	7	1	2	2	
20	1	2	3	0	2	2	2	2	2	2	2	2	2	
21	4	2	2	2	7	2	0	3	6	11	3	2	4	
22	7	8	5	4	6	2	1	3	4	7	2	3	4	
23	3	2	2	2	2	0	4	1	1	5	2	2	2	
24	3	0	0	0	0	5	3	2	0	4	6	12	3	
25	10	9	6	5	7	13	12	12	3	6	9	5	8	
26	2	4	2	2	2	3	3	3	2	3	0	3	2	
27	0	0	0	2	1	0	2	2	0	4	6	4	2	
28	5	2	3	0	2	2	2	4	4	2	2	4	3	
29	2	2	2	5	9	2	9	2	3	3	3	2	4	
30	4	5	0	1	2	1	1	6	5	4	6	2	3	
31	2	2	2	4	2	0	2	3	4	4	0	2	2	
MEAN	2	2	2	2	3	2	3	3	2	3	2	3	2.4	

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. --* INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CGMS/1000 FT	
STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER													MONTH - FEB 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	1	1	6	7	3	2	2	5	4	0	3	
2	3	0	4	7	3	2	3	2	1	4	4	3	3	
3	2	4	3	1	0	2	3	2	3	0	1	0	2	
4	2	2	4	0	5	4	1	5	4	2	5	0	3	
5	0	4	8	7	24	18	----	7	7	8	7	7	9	
6	9	4	5	10	4	3	3	4	5	6	3	6	5	
7	2	2	2	2	10	5	1	1	2	2	5	2	3	
8	2	1	0	5	2	3	0	2	6	8	5	4	3	
9	2	2	2	3	6	2	0	3	7	3	3	3	3	
10	1	2	4	2	0	2	1	3	1	5	4	2	2	
11	2	5	5	2	3	2	----	2	1	5	6	0	2	
12	2	0	0	4	2	8	2	4	1	7	4	1	3	
13	4	6	4	7	5	4	1	3	6	8	3	2	4	
14	7	4	4	2	2	2	1	4	6	8	10	11	5	
15	9	4	7	8	1	4	6	7	5	5	5	2	5	
16	5	3	3	7	2	2	2	3	0	3	1	6	3	
17	2	3	1	0	3	0	1	2	2	2	6	3	2	
18	4	5	1	1	2	6	2	1	2	2	2	4	3	
19	7	3	2	4	7	1	3	4	3	6	5	8	4	
20	10	8	5	15	9	12	9	8	13	11	8	8	10	
21	7	5	0	0	3	7	2	6	6	3	4	2	4	
22	1	2	1	3	5	1	3	10	9	4	6	0	3	
23	2	4	2	3	2	4	1	5	2	6	3	5	3	
24	2	2	2	1	3	3	0	3	2	7	2	2	3	
25	0	3	2	5	3	5	10	5	4	2	0	2	3	
26	1	0	2	4	4	----	6	3	0	4	5	2	3	
27	2	1	8	4	3	1	3	6	1	3	2	2	4	
28	0	7	3	5	9	5	7	2	3	3	2	2	4	
29	3	3	4	2	1	3	0	2	2	7	4	6	3	
MEAN	3	3	3	4	4	4	3	4	4	5	4	3	3.7	

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. --* INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER													MONTH - MAR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	3	0	4	2	2	4	1	----	----	----	----	2	
2							- DATA INVALID -							
3	----	----	----	----	----	----	6	0	2	3	2	2	5	
4	2	6	3	6	9	7	3	11	3	6	2	7	4	
5	6	7	3	8	14	3	3	0	2	0	3	0	4	
6	3	0	2	6	2	4	1	5	0	10	4	8	4	
7	3	3	2	10	8	3	4	6	3	0	3	2	3	
8	2	7	2	0	1	6	3	2	2	2	2	5	4	
9	11	2	2	0	2	2	3	3	5	8	3	2	3	
10	0	0	5	2	2	0	1	5	5	0	7	3		
11	0	0	5	7	0	2	0	3	5	2	0	0	2	
12	3	2	3	1	0	1	6	7	2	4	6	3		
13	2	2	0	4	4	1	2	0	4	3	4	4		
14	2	12	5	9	3	5	3	2	3	2	2	5	4	
15	2	1	0	5	3	2	2	0	3	2	9	4	3	
16	2	0	2	2	2	3	2	1	0	2	9	1	2	
17	2	3	7	4	9	5	2	5	2	8	0	2	4	
18	0	0	0	2	0	2	4	1	0	2	7	7	2	
19	1	2	1	2	5	4	2	1	2	7	7	1	3	
20	4	0	0	7	2	2	2	7	7	9	8	3	4	
21	2	2	5	0	2	10	2	2	1	2	1	2	3	
22	0	5	2	0	2	3	0	2	2	0	2	4	2	
23	2	4	2	4	3	8	2	1	3	1	1	5	3	
24	4	3	2	2	2	6	7	5	3	6	5	0	4	
25	3	7	3	6	2	1	2	5	2	2	4	3	3	
26	0	0	2	0	7	4	7	6	2	5	2	3	3	
27	2	2	4	12	9	2	2	9	2	6	0	0	4	
28	7	6	2	12	9	4	4	4	6	0	5	2	5	
29	2	0	2	4	4	2	2	2	5	9	4	0	3	
30	3	0	4	0	2	3	0	1	2	1	0	8	2	
31	2	2	1	0	4	5	3	3	3	2	2	2	2	
MEAN	3	3	2	4	4	4	3	3	3	4	4	3	3.2	

PERCENTAGE OF DATA VALID - 94.1

PERCENTAGE OF DATA INVALID - 5.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COMS/1000 FT						
STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER							MONTH - APR 80						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	0	0	10	10	5	9	5	12	8	7	1	
2	2	7	1	13	3	2	4	5	2	6	6	3	
3	8	12	4	6	5	2	3	0	3	9	2	3	
4	1	0	4	1	3	2	1	2	2	4	0	0	
5	4	2	2	0	0	2	1	4	2	4	6	2	
6	2	5	2	0	2	3	6	2	2	0	0	3	
7	2	2	7	8	4	2	2	3	3	5	0	6	
8	3	0	11	7	3	8	***	0	3	1	0	2	
9	3	2	2	8	0	1	2	3	5	0	2	2	
10	4	1	1	2	4	1	6	7	5	0	0	0	
11	2	3	2	5	2	3	2	2	0	5	5	2	
12	3	8	5	2	7	2	6	3	2	2	3	5	
13	3	3	2	2	4	0	2	6	3	2	0	0	
14	0	0	1	2	5	0	2	6	4	8	5	2	
15	0	0	0	2	2	0	2	2	3	2	0	2	
16	4	1	0	4	3	2	4	3	3	2	2	1	
17	3	2	13	8	1	1	1	0	0	0	3	2	
18	2	6	7	8	6	8	5	6	3	4	8	9	
19	15	17	13	13	1	0	2	1	7	2	5	0	
20	5	5	0	4	1	4	0	2	5	0	2	3	
21	2	3	2	3	4	2	0	0	0	3	3	9	
22	11	10	7	2	4	2	5	4	0	0	0	0	
23	3	2	3	3	4	5	4	2	3	0	3	2	
24	0	0	4	3	3	9	0	5	2	2	4	2	
25	7	2	3	3	5	0	3	2	0	2	2	2	
26	2	0	6	4	0	2	0	0	1	6	6	2	
27	2	2	0	2	2	0	4	0	2	2	0	2	
28	1	2	1	4	5	2	2	2	3	4	2	1	
29	2	1	0	5	2	2	5	5	4	4	2	0	
30	2	2	10	11	6	6	5	7	4	2	6	3	
MEAN	4	3	4	5	3	3	3	3	3	3	3	2	3.2

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 26029

TRAILER EDNA/FREDERICK ST

KITCHENER

MONTH - MAY 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	6	4	5	2	8	3	0	2	0	1	3
2	0	2	2	4	5	4	2	4	2	5	0	5	3
3	0	5	2	2	4	2	2	0	3	0	4	5	2
4	1	1	4	3	1	0	0	2	2	3	2	2	2
5	3	2	7	3	0	3	3	2	2	2	2	3	3
6	2	3	0	2	7	0	2	1	8	0	6	1	3
7	3	2	3	2	2	0	0	4	3	1	1	0	2
8	4	2	6	2	2	3	2	2	0	3	5	2	3
9	2	0	2	2	1	2	0	0	3	0	3	1	1
10	2	0	1	5	4	4	6	3	3	2	1	2	3
11	0	2	2	1	0	2	2	0	1	0	3	6	2
12	5	5	5	7	2	5	1	5	2	6	0	4	4
13	0	3	3	7	7	2	10	8	2	2	3	7	5
14	2	0	2	3	0	2	5	2	2	0	2	0	2
15	0	5	0	5	1	2	3	1	2	0	7	3	2
16	2	2	3	2	5	2	***	0	5	2	4	6	3
17	7	5	2	0	3	3	2	5	0	1	9	0	3
18	2	0	3	0	0	1	0	2	2	2	0	1	1
19	0	2	0	2	0	0	2	0	0	3	3	4	1
20	2	3	7	7	3	2	7	6	0	3	3	3	4
21	1	2	10	5	7	7	2	5	0	2	2	2	4
22	5	6	3	10	2	3	2	0	2	0	2	2	3
23	7	8	11	16	7	8	7	4	3	5	8	6	8
24	7	3	6	4	3	4	3	7	2	2	3	0	4
25	2	3	2	2	0	2	0	1	2	0	2	2	2
26	2	2	4	5	2	4	2	0	2	0	3	0	2
27	5	2	1	4	2	2	7	0	0	0	2	2	2
28	0	2	5	8	4	2	3	3	5	4	7	9	4
29	4	2	6	2	0	5	3	3	3	5	3	2	3
30	3	3	7	6	3	3	3	4	3	2	2	0	3
31	0	0	5	3	1	2	0	0	1	0	8	3	2
MEAN	2	2	4	4	3	3	3	3	2	2	3	3	2.8

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 26029

TRAILER EDNA/FREDERICK ST

KITCHENER

MONTH - JUN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	1	0	2	0	0	0	3	0	3	1
2	0	5	3	1	1	1	4	0	3	0	1	0	2
3	0	6	2	6	11	2	2	2	2	0	2	0	3
4	2	0	2	3	6	2	2	2	1	0	0	2	2
5	3	0	9	5	7	3	2	1	3	0	2	4	3
6	2	3	2	8	6	7	0	2	2	2	0	4	3
7	1	2	4	0	0	2	0	2	0	0	3	2	1
8	2	0	1	2	0	2	2	0	0	0	1	1	1
9	0	2	3	0	5	3	2	2	0	3	0	2	2
10	3	0	0	2	0	0	0	0	0	2	0	2	1
11	1	0	1	1	0	0	0	1	0	2	0	5	1
12	8	7	4	9	3	0	2	4	2	2	1	2	4
13	3	3	7	5	2	2	2	2	1	4	1	3	3
14	6	2	5	0	5	3	0	3	1	5	2	2	3
15	2	2	2	3	2	3	0	2	2	0	2	6	2
16	0	4	2	5	0	2	0	5	0	0	2	6	2
17	0	5	8	12	***	2	2	0	2	0	0	2	3
18	1	0	0	0	2	1	3	2	4	2	1	1	1
19	0	1	6	3	3	2	6	2	1	0	1	0	2
20	0	2	2	1	1	2	1	2	2	2	2	1	2
21	0	0	0	2	2	0	0	0	0	0	2	1	1
22	1	2	2	1	0	4	1	2	0	2	0	2	1
23	6	0	4	2	2	1	0	2	0	0	3	2	2
24	3	4	5	13	8	2	5	3	0	0	0	2	4
25	7	7	7	3	1	***	1	0	0	0	2	0	2
26	0	3	0	5	1	0	0	***	0	0	2	0	2
27	1	2	2	5	1	2	0	3	2	0	3	2	1
28	0	0	0	4	2	0	0	3	2	0	5	0	2
29	0	0	0	1	2	0	0	5	0	1	2	0	1
30	2	0	0	0	0	6	0	3	0	0	0	0	1
MEAN	2	2	3	3	3	2	1	2	1	1	1	2	1.9

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER													MONTH - JUL 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	0	2	0	2	1	2	1	0	1	0	1	
2	2	0	2	2	3	6	1	0	4	5	0	0	2	
3	2	0	3	4	2	2	3	0	2	1	2	0	2	
4	1	1	8	6	2	1	2	2	3	3	2	0	3	
5	3	4	2	0	0	0	0	1	2	2	0	0	1	
6	3	0	0	0	1	1	2	0	0	1	1	0	1	
7	2	0	2	3	2	2	3	0	4	0	1	0	2	
8	3	0	2	0	5	2	0	2	2	3	4	0	2	
9	2	0	3	10	6	2	0	3	5	2	2	4	3	
10	7	5	4	14	4	1	0	2	1	0	0	0	3	
11	2	1	3	2	0	5	1	0	1	2	0	3	2	
12	0	2	0	1	2	0	3	2	1	2	0	1	1	
13	0	0	0	0	1	1	1	0	0	0	2	1	1	
14	3	2	0	2	0	1	2	0	0	5	1	2	1	
15	0	0	0	2	4	1	0	1	1	2	2	2	2	
16	3	0	3	3	0	5	1	2	4	2	0	2	2	
17	1	1	0	0	---	5	1	0	1	0	1	0	2	
18	1	0	2	7	3	2	0	1	0	3	4	2	1	
19	2	2	0	1	0	2	0	2	2	0	3	1	1	
20	3	0	2	2	0	2	0	2	2	0	3	1	1	
21	0	2	0	2	0	2	0	2	0	0	2	2	1	
22	2	0	0	1	2	2	2	5	5	5	0	2	2	
23	5	2	2	6	5	4	2	2	0	2	0	0	3	
24	1	0	0	2	2	0	0	5	0	3	0	0	2	
25	1	2	2	0	0	6	1	2	2	5	2	0	1	
26	1	2	2	2	1	3	6	3	2	3	0	0	2	
27	0	1	3	1	4	0	0	1	2	2	0	1	1	
28	1	0	1	2	2	---	5	0	5	1	1	0	1	
29	0	2	0	0	4	0	0	0	2	2	0	1	1	
30	1	1	0	0	0	1	0	1	2	1	0	2	1	
31	2	2	4	6	3	0	3	1	2	4	5	3	3	
MEAN	2	1	2	3	2	2	1	1	2	2	1	1	1.6	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. --- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER													MONTH - AUG 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	2	6	5	5	1	2	0	3	1	2	2	3	
2	0	2	2	2	0	0	0	0	0	1	0	3	1	
3	2	3	2	0	0	2	2	0	0	1	0	1	1	
4	1	3	1	5	1	2	1	2	2	0	2	0	2	
5	3	3	13	5	5	---	3	1	0	2	0	2	3	
6	5	0	6	1	3	0	4	1	3	0	0	0	2	
7	2	3	5	1	1	6	2	1	2	2	3	3	3	
8	0	6	1	2	4	2	3	1	0	0	4	2	1	
9	2	2	0	0	1	2	0	2	2	2	2	2	2	
10	3	1	0	2	0	2	1	2	2	2	2	3	4	
11	0	4	2	8	4	1	2	6	3	0	2	1	2	
12	1	1	4	3	1	4	1	3	0	1	4	2	2	
13	1	2	0	4	6	3	4	1	0	7	0	0	2	
14	3	1	2	7	2	4	0	1	2	1	3	2	2	
15	0	2	2	4	2	8	2	0	2	2	0	1	2	
16	1	0	0	2	0	1	2	0	0	1	3	6	1	
17	0	5	3	0	2	2	0	1	0	1	1	1	1	
18	3	0	4	2	1	---	2	0	0	2	1	3	2	
19	0	3	9	5	2	6	0	6	2	2	3	3	3	
20	4	2	10	4	8	5	5	2	2	2	2	3	4	
21	0	0	0	4	4	6	4	3	2	1	4	3	3	
22	2	0	3	2	3	5	4	2	2	5	1	1	3	
23	0	0	0	6	1	2	0	0	2	0	2	0	1	
24	0	1	0	2	4	0	1	0	1	0	1	1	1	
25	2	4	6	6	6	2	4	2	1	0	1	0	2	
26	0	2	3	2	6	2	2	0	3	2	4	0	2	
27	2	3	0	0	4	2	2	4	0	4	0	2	2	
28	2	0	0	2	2	3	0	---	4	4	2	1	5	
29	4	2	6	12	6	7	5	5	2	4	4	0	3	
30	1	6	4	5	2	3	0	2	5	4	3	0	3	
31	2	2	2	3	4	1	4	2	3	0	0	3	2	
MEAN	2	2	3	3	3	3	2	2	2	2	2	2	2.2	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. --- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER														MONTH - SEP 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	1	0	2	1	1	2	1	0	2	0	0	0	1		
2	2	4	2	1	0	4	3	3	0	3	1	6	2		
3	0	2	0	9	10	6	0	8	3	3	0	4	4		
4	2	6	9	9	10	4	2	2	2	4	1	0	4		
5	1	3	0	2	8	0	3	0	0	1	2	2	2		
6	1	2	3	2	4	2	0	0	0	0	2	1	1		
7	1	2	5	0	5	0	2	0	0	2	2	4	2		
8	2	0	0	18	10	7	3	1	0	8	6	4	5		
9	3	0	4	4	3	0	2	---	1	0	0	0	2		
10	3	0	0	3	0	1	1	2	0	2	2	1	1		
11	2	0	0	0	2	5	0	2	3	0	0	2	1		
12	2	2	7	5	5	3	2	2	0	1	0	4	3		
13	0	2	0	3	2	3	0	2	1	4	3	2	2		
14	4	4	3	2	0	0	1	0	1	2	0	2	2		
15	4	0	3	4	5	3	2	3	2	2	4	1	3		
16	3	2	8	3	3	0	2	2	0	2	5	0	3		
17	2	3	2	2	0	0	0	0	0	2	2	3	1		
18	2	0	2	5	4	2	0	2	0	2	0	0	2		
19	0	0	2	2	2	2	0	2	2	2	3	2	2		
20	0	1	0	4	2	0	0	0	0	4	2	2	1		
21	2	3	0	2	0	0	0	0	2	2	2	2	1		
22	2	0	0	0	0	1	2	2	4	2	0	3	1		
23	0	1	3	2	2	0	2	3	2	1	1	2	2		
24	2	0	3	8	1	---	3	2	1	3	2	2	2		
25	2	2	2	10	12	5	1	3	5	3	2	6	4		
26	1	2	0	1	2	2	0	2	0	0	3	4	1		
27	0	2	3	1	2	2	2	0	0	8	1	2	2		
28	2	0	2	3	0	0	0	0	0	2	5	3	1		
29	3	2	2	11	4	3	7	0	0	2	1	1	3		
30	9	0	3	2	2	2	1	4	0	2	1	0	2		
MEAN	2	2	2	4	3	2	1	1	1	2	2	2	2.1		

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "-----" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "-----" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

	STATION - WC NO 26029			TRAILER EDNA/FREDERICK ST				KITCHENER	MONTH - OCT 80					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	2	2	2	0	0	5	2	0	1	2	3	2	
2	0	0	1	2	0	1	0	0	3	2	3	2	1	
3	1	1	2	2	4	3	2	4	0	1	1	2	2	
4	3	0	2	2	2	2	0	1	0	0	0	2	1	
5	0	3	2	2	0	0	0	1	1	0	0	2	1	
6	1	0	1	2	0	0	2	0	1	0	0	2	1	
7	2	2	8	10	0	2	2	2	1	0	2	5	3	
8	2	0	3	0	0	----	2	2	8	2	2	0	2	
9	2	4	5	9	4	2	6	2	0	6	3	2	4	
10	3	6	7	16	4	3	5	2	5	4	2	2	5	
11	2	2	3	3	1	2	0	2	1	0	4	0	2	
12	0	3	0	2	2	0	0	2	3	0	0	2	1	
13	0	0	3	0	1	0	3	4	0	0	0	2	1	
14	2	2	4	6	3	0	1	1	1	0	3	2	2	
15	1	9	2	5	4	3	7	2	1	2	2	2	3	
16	3	1	2	13	11	7	11	9	4	2	3	4	6	
17	1	0	5	7	11	6	0	2	2	2	0	2	3	
18	4	2	1	1	5	0	2	2	2	2	2	2	2	
19	0	3	0	1	2	0	0	0	3	1	1	0	1	
20	0	2	0	2	7	0	2	2	0	0	0	2	1	
21	2	2	4	1	2	2	1	0	3	0	2	2	2	
22	2	0	0	1	1	6	2	1	1	2	4	6	2	
23	3	2	1	5	----	5	0	5	3	2	3	0	3	
24	2	0	0	7	4	4	3	3	2	2	6	0	3	
25	3	0	0	2	3	2	2	1	1	0	2	2	2	
26	0	0	0	0	1	1	0	0	2	0	2	3	1	
27	0	0	0	4	0	1	2	1	5	2	2	2	2	
28	0	4	2	2	1	1	2	4	1	2	2	1	2	
29	0	6	0	0	0	0	1	3	0	2	0	2	1	
30	2	0	0	2	2	1	1	3	2	0	0	0	1	
31	2	1	0	1	1	2	2	1	3	4	1	2	4	
MEAN	2	2	2	4	3	2	2	2	2	1	2	2	2.0	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "-----" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "-----" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 CONC./1000 FT	
STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER														MONTH - NOV 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	0	0	1	1	0	2	2	1	0	2	1	1		
2	2	0	1	0	0	1	0	2	3	3	9	2	2		
3	2	2	5	2	2	1	2	2	0	5	2	0	2		
4	1	2	0	0	2	3	1	2	2	1	0	3	1		
5	2	0	0	1	3	0	3	2	1	0	2	2	1		
6	0	2	0	2	2	4	0	2	2	0	0	1	1		
7	2	0	0	8	0	6	1	6	2	3	2	2	3		
8	1	2	0	0	0	2	2	0	2	2	0	5	1		
9	0	1	2	4	4	2	2	0	0	2	0	0	1		
10	3	1	1	2	0	2	2	2	0	0	0	4	1		
11	0	0	1	1	0	2	0	0	0	0	0	2	1		
12	1	0	0	2	0	2	2	2	2	0	2	8	4		
13	0	1	3	4	***	0	4	4	10	2	8	0	2		
14	6	2	2	0	2	2	4	2	2	8	0	0	2		
15	2	0	2	2	2	2	4	0	4	8	0	6	4		
16	0	2	0	4	10	4	0	0	4	10	10	3	7		
17	8	7	9	18	11	8	7	2	0	6	6	1	3		
18	5	0	0	5	4	6	2	0	0	4	4	0	3		
19	2	0	4	4	4	5	4	0	0	2	4	0	3		
20	2	8	0	5	8	2	3	0	3	4	0	2	3		
21	4	2	5	0	4	4	2	2	4	0	0	2	2		
22	0	0	0	3	4	4	4	1	0	3	6	2	2		
23	3	1	4	2	8	0	4	4	5	4	4	3	4		
24	2	4	2	2	10	12	6	4	4	5	1	0	4		
25	2	0	4	4	0	0	6	6	4	0	0	0	2		
26	6	0	2	0	2	0	1	2	4	7	12	10	4		
27	4	4	6	2	0	2	5	4	5	4	0	5	3		
28	0	4	2	7	8	0	0	8	2	4	5	2	4		
29	2	0	5	2	4	0	6	0	4	0	2	2	2		
30	0	1	2	0	0	0	0	2	2	0	2	0	1		
MEAN	2	2	2	3	3	3	3	2	3	3	3	2	2.5		

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 CONC./1000 FT	
STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER														MONTH - DEC 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	2	0	0	5	5	8	4	9	8	8	4	4		
2	2	2	0	12	2	4	4	0	4	2	0	0	3		
3	0	1	4	4	2	2	2	4	5	2	6	0	3		
4	6	0	3	2	6	0	6	4	12	6	2	6	4		
5	1	4	8	4	4	2	4	4	2	6	5	5	4		
6	4	6	5	4	3	8	4	6	4	2	2	4	4		
7	2	8	2	4	2	8	10	12	6	10	2	6	6		
8	4	4	1	2	4	8	2	4	4	0	0	0	3		
9	2	0	2	2	0	6	10	5	3	5	0	2	3		
10	0	0	2	2	4	0	0	5	0	4	0	3	2		
11	4	0	0	2	0	0	0	1	4	2	2	2	1		
12	2	1	6	0	4	3	2	0	2	4	4	4	3		
13	0	0	6	0	6	0	2	2	4	2	0	4	2		
14	2	0	2	0	0	0	0	0	0	0	0	0	1		
15	0	0	6	2	***	2	0	10	6	5	12	10	6		
16	2	4	2	4	12	0	0	0	7	2	0	2	3		
17	6	4	4	5	4	8	1	0	0	2	3	0	3		
18	2	0	0	3	2	0	0	0	8	2	0	0	1		
19	0	2	0	0	2	5	2	0	2	3	1	1	2		
20	2	0	2	6	1	5	4	3	1	2	1	1	2		
21	2	3	2	0	4	0	5	0	0	4	3	0	2		
22	1	4	4	3	5	***	0	8	2	4	0	0	3		
23	4	0	3	8	5	2	4	2	8	2	6	2	4		
24	2	0	2	0	7	0	2	2	0	2	4	0	2		
25	4	2	4	4	4	2	2	1	0	2	2	3	3		
26	6	4	0	2	0	0	4	0	6	2	6	2	3		
27	4	8	20	12	18	5	0	4	10	6	6	4	8		
28	8	10	6	10	10	4	2	4	4	4	4	4	6		
29	2	2	0	8	8	8	8	2	4	2	6	1	4		
30	2	0	0	5	2	0	2	2	2	2	2	0	2		
31	2	0	2	4	2	2	5	5	0	2	0	0	2		
MEAN	3	2	3	4	4	3	3	3	4	4	3	2	3.1		

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.4	8	14
FEB	29	3.7	10	24
MAR	29	3.2	5	14
APR	30	3.2	6	17
MAY	31	2.8	8	16
JUN	30	1.9	4	13
JUL	31	1.0	5	11
AUG	31	2.2	5	13
SEP	30	2.1	5	18
OCT	31	2.0	6	16
NOV	30	2.5	7	18
DEC	31	3.1	8	20
YEAR	364	2.6	10	24

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	315	46	8	0	0	0	0	369
FEB	239	99	5	1	1	0	0	345
MAR	260	84	6	0	0	0	0	350
APR	267	81	10	1	0	0	0	359
MAY	292	77	1	1	0	0	0	371
JUN	313	41	3	0	0	0	0	357
JUL	341	28	1	0	0	0	0	370
AUG	321	46	2	0	0	0	0	369
SEP	322	33	2	1	0	0	0	358
OCT	331	34	4	1	0	0	0	370
NOV	302	53	3	1	0	0	0	359
DEC	282	80	6	2	0	0	0	370
YEAR	3585	702	51	8	1	0	0	4347

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
99.0	0	0.0	0.5	1.5	2.6	5.5	7.2	9.3	11.0	24	2.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 CGMS/1000 FT

STATION - WC NO 27051 HOLY TRNTY CHRCH NORTON/PORTAGE, CHIPPAWA

MONTH - JAN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	0	0	0	2	6	4	3	3	2	1	0	2
2	3	0	4	2	2	2	3	5	5	2	0	0	2
3	2	3	2	2	0	2	0	6	5	2	1	0	2
4	1	0	2	2	1	5	2	3	1	0	1	2	2
5	1	2	1	2	0	0	3	1	1	2	2	1	1
6	3	2	1	7	4	1	2	2	1	2	8	3	3
7	3	2	5	2	0	3	0	3	0	2	3	5	2
8	1	0	0	2	5	2	1	6	2	1	5	2	2
9	2	1	1	1	5	5	1	3	2	3	2	1	2
10	2	2	2	8	5	6	3	3	1	3	3	2	3
11	2	5	2	3	2	2	1	1	3	2	0	5	2
12	2	3	2	1	1	2	2	0	1	0	1	2	1
13	0	3	3	2	3	2	2	4	4	0	1	3	2
14	3	5	2	3	3	---	0	6	4	1	5	3	3
15	2	2	6	5	2	1	0	2	1	0	5	2	2
16	2	4	2	2	2	5	2	2	2	0	2	2	2
17	15	3	3	4	7	3	3	2	4	3	2	0	4
18	2	2	3	1	8	3	3	2	2	0	0	0	2
19	2	2	1	2	2	0	0	1	2	2	0	2	1
20	0	1	0	0	2	1	1	3	2	1	0	2	1
21	0	0	2	0	0	2	0	3	5	2	2	3	2
22	2	5	2	7	5	4	2	2	2	2	1	2	3
23	1	2	2	0	1	2	1	1	2	3	3	2	2
24	2	2	0	0	4	1	2	0	0	3	2	1	1
25	2	1	5	5	4	7	9	3	11	2	2	0	4
26	1	0	0	0	0	0	2	3	2	0	2	1	1
27	0	2	0	0	0	3	2	0	1	2	1	2	2
28	2	0	0	2	2	---	5	4	2	3	1	1	1
29	0	2	0	2	1	3	1	2	2	0	1	2	2
30	3	2	0	5	1	1	1	3	0	0	2	2	1
31	2	2	3	1	1	3	1	2	4	1	0	3	4
MEAN	2	2	2	2	2	2	2	2	2	1	2	2	2.1

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. --- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 CGMS/1000 FT

STATION - WC NO 27051 HOLY TRNTY CHRCH NORTON/PORTAGE, CHIPPAWA

MONTH - FEB 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	2	2	2	2	2	0	0	2	2	2	2
2	2	2	2	0	2	2	3	0	2	10	2	1	2
3	0	2	2	0	2	0	1	0	0	2	2	0	1
4	2	2	1	2	3	1	1	3	0	2	1	2	2
5	3	2	6	7	3	11	2	2	2	5	11	10	5
6	0	4	2	0	4	1	2	2	0	3	3	2	2
7	2	3	3	2	2	0	0	1	4	1	1	1	2
8	1	2	6	2	7	4	2	0	2	0	0	0	2
9	2	3	4	2	2	0	2	3	0	1	1	2	2
10	2	0	0	0	0	1	1	2	1	1	2	2	1
11	2	0	0	7	5	---	3	2	1	4	1	1	2
12	0	2	1	5	3	2	9	7	3	1	3	1	3
13	3	3	1	2	13	11	3	2	4	5	2	2	4
14	2	2	6	5	3	3	3	2	1	0	4	2	3
15	7	4	3	4	7	2	5	2	2	2	0	5	4
16	2	1	2	2	0	3	2	3	1	2	0	0	2
17	5	2	1	1	1	1	2	2	0	0	0	0	1
18	3	4	1	2	5	9	7	3	2	6	3	3	4
19	3	7	5	15	13	7	6	3	4	5	2	7	6
20	5	8	6	9	6	5	9	7	3	5	6	5	6
21	4	3	3	3	5	3	2	7	2	0	2	2	3
22	1	0	0	2	2	3	1	8	2	2	2	0	2
23	1	0	6	2	0	2	2	2	3	2	3	2	2
24	2	0	0	3	2	1	0	2	0	1	4	2	1
25	3	1	0	0	1	---	0	3	0	1	2	0	1
26	0	1	2	0	2	3	0	0	4	5	1	5	2
27	3	6	3	2	0	1	0	3	1	3	3	2	2
28	0	0	3	2	0	0	2	0	0	3	3	1	1
29	1	2	2	1	0	0	0	5	2	1	1	1	1
MEAN	2	2	3	3	3	3	3	3	2	3	2	2	2.5

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. --- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - WC NO 27051 HOLY TRNTY CHRCH NORTON/PORTAGE, CHIPPAWA MONTH - MAR 80													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	1	2	1	0	0	2	1	2	0	3	0	1
2	0	0	0	5	1	7	1	0	6	3	1	8	3
3	15	5	7	8	6	4	2	3	1	0	4	2	5
4	3	1	2	7	13	5	3	1	0	6	8	0	5
5	3	2	7	7	7	7	2	3	1	2	1	2	4
6	2	2	2	0	1	1	0	7	2	2	2	5	2
7	3	2	2	2	5	2	2	3	2	4	5	3	3
8	5	1	2	2	6	2	1	2	2	0	3	6	2
9	3	3	1	1	1	1	0	0	0	2	4	2	2
10	3	0	7	2	13	----	2	2	8	3	9	1	5
11	0	0	2	2	0	0	7	2	4	4	1	2	2
12	4	1	0	1	0	0	4	1	3	2	0	0	1
13	0	2	0	0	2	1	2	0	5	3	4	1	2
14	2	0	0	8	9	5	1	2	2	1	0	0	3
15	3	1	2	2	2	2	0	0	0	5	5	1	2
16	2	2	4	1	2	2	0	3	4	0	3	8	3
17	2	3	2	0	1	8	2	5	1	3	2	0	2
18	2	2	3	0	0	2	2	1	2	3	0	3	2
19	2	0	5	12	6	7	2	3	6	4	11	2	5
20	4	1	1	12	7	2	4	2	7	5	5	1	4
21	3	3	2	4	1	3	6	3	1	2	3	2	3
22	0	6	1	0	0	2	0	0	2	2	3	2	2
23	5	1	0	2	0	2	0	6	2	3	2	0	2
24	2	3	1	3	4	----	11	3	7	2	4	4	4
25	0	2	0	0	0	2	2	2	3	1	0	4	1
26	1	4	2	0	2	3	3	5	4	3	4	8	3
27	9	5	2	17	11	3	3	0	2	0	2	4	5
28	3	2	2	9	8	2	2	4	3	5	3	3	4
29	2	2	2	1	0	2	2	6	3	2	0	0	2
30	0	1	1	0	0	0	3	0	4	2	0	1	1
31	0	0	0	1	1	0	0	2	2	0	1	1	1
MEAN	3	2	2	3	4	3	2	2	3	2	3	3	2.7

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "-----" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "-----" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - WC NO 27051 HOLY TRNTY CHRCH NORTON/PORTAGE, CHIPPAWA MONTH - APR 80													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	0	2	5	3	2	0	2	2	3	9	3
2	3	0	3	5	5	2	2	2	3	6	3	4	3
3	1	5	4	5	2	3	2	0	0	3	0	1	2
4	2	1	3	2	2	2	0	0	2	0	0	2	1
5	3	0	7	1	0	4	1	2	2	0	3	2	2
6	2	2	4	3	2	0	0	0	2	0	0	0	1
7	5	5	2	7	3	1	5	3	5	4	2	2	4
8	3	3	2	0	3	----	----	0	5	2	2	2	2
9	2	5	5	4	8	2	5	2	0	2	3	3	3
10	1	5	2	4	3	5	2	2	1	3	2	2	3
11	3	2	3	3	2	17	9	2	2	3	3	3	4
12	2	3	0	3	5	9	5	2	0	4	2	0	2
13	0	2	0	0	2	0	0	0	2	2	5	4	1
14	2	0	4	2	0	0	1	0	7	2	3	0	2
15	0	2	0	2	2	5	1	5	6	2	3	0	2
16	2	0	2	3	1	0	1	2	2	2	2	7	2
17	5	2	1	5	3	6	1	3	3	2	3	2	3
18	2	4	2	4	5	1	8	2	9	10	5	4	5
19	7	3	7	3	4	5	2	5	4	2	6	7	5
20	7	3	4	5	1	3	4	2	0	5	1	2	3
21	1	4	1	7	2	----	0	0	2	7	9	3	3
22	2	3	0	2	3	3	3	0	3	2	3	0	2
23	0	2	0	3	0	2	0	3	2	2	2	2	2
24	0	2	2	2	2	0	3	3	2	2	0	2	2
25	3	0	3	4	8	2	3	0	3	0	2	2	3
26	3	3	4	8	2	6	4	1	0	0	7	4	4
27	5	3	3	3	5	2	3	0	0	2	5	0	3
28	1	2	3	3	2	2	0	0	0	5	2	0	2
29	1	0	2	3	0	0	0	2	2	2	7	2	2
30	4	2	6	2	8	5	2	2	3	1	6	1	4
MEAN	2	2	3	3	3	3	2	2	2	3	3	3	2.6

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "-----" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "-----" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CGMS/1000 FT	
STATION - WC NO 27051 HOLY TRNTY CHRCH NORTON/PORTAGE, CHIPPAWA													MONTH - MAY 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	2	3	7	3	0	0	0	0	***	2	2	2
2	2	2	8	3	5	2	6	5	7	2	2	2	2	4
3	3	3	7	2	2	3	6	2	2	4	0	1	3	3
4	0	2	6	5	4	3	0	2	2	3	3	5	3	3
5	2	3	2	3	7	7	7	7	2	1	3	4	4	4
6	3	0	3	2	1	0	2	2	0	0	1	0	1	1
7	4	4	2	2	0	2	3	0	1	0	3	2	2	2
8	1	0	0	1	0	2	0	0	2	2	2	2	1	1
9	1	1	1	3	6	2	3	0	2	2	3	0	2	2
10	0	2	3	0	2	1	3	2	1	2	1	0	2	2
11	2	0	2	0	5	3	1	3	0	2	2	1	2	2
12	0	2	0	3	0	2	1	2	0	3	3	2	2	2
13	3	0	0	2	1	1	0	2	6	2	3	2	1	1
14	1	2	0	0	1	2	0	3	2	0	0	5	2	2
15	4	2	0	3	0	2	0	3	3	1	0	0	2	2
16	3	4	3	5	2	***	0	1	1	4	3	2	2	2
17	7	2	0	3	0	1	0	2	1	3	3	0	2	2
18	2	0	4	3	2	4	5	2	0	0	0	2	1	1
19	2	2	1	2	0	2	2	2	0	2	1	4	2	2
20	3	2	2	1	5	***	0	4	2	1	3	0	2	2
21	2	2	2	2	6	6	1	3	3	1	2	5	3	3
22	3	4	0	3	3	7	6	3	2	6	3	6	4	4
23	2	3	7	6	5	2	4	0	2	5	1	5	4	4
24	11	10	8	6	3	2	4	2	7	4	4	5	6	6
25	1	5	3	0	4	2	0	0	0	2	2	2	2	2
26	2	0	0	0	2	0	0	2	2	3	3	4	2	1
27	2	0	3	0	3	0	0	2	0	1	2	1	2	2
28	3	1	0	2	0	5	1	2	0	1	2	4	1	1
29	0	3	1	0	1	1	2	0	0	1	2	3	4	4
30	2	3	2	5	6	4	8	3	3	3	3	3	0	2
31	4	2	1	2	5	0	2	2	2	3	2	0	2	2
MEAN	2	2	2	2	3	3	2	2	2	2	2	3	2.3	2.3

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CGMS/1000 FT	
STATION - WC NO 27051 HOLY TRNTY CHRCH NORTON/PORTAGE, CHIPPAWA													MONTH - JUN 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	0	2	3	2	2	2	2	3	3	0	2	2
2	2	2	1	0	3	6	2	4	3	3	1	2	1	1
3	1	2	2	2	0	0	2	1	0	2	2	4	2	2
4	0	2	3	0	2	0	***	0	4	5	3	0	1	1
5	0	0	0	0	0	0	2	0	2	3	0	0	2	2
6	2	2	12	4	1	1	1	0	2	2	2	9	4	4
7	0	0	4	14	2	3	0	0	6	5	0	1	1	1
8	0	0	0	0	2	0	0	1	2	0	1	0	2	1
9	6	0	2	0	0	2	0	0	1	2	0	2	1	1
10	2	2	1	4	1	0	1	0	0	0	3	0	1	1
11	2	0	3	3	0	0	0	0	0	2	2	1	2	2
12	2	2	2	1	5	0	1	1	0	2	0	8	2	2
13	3	3	3	3	2	2	3	2	1	0	1	3	2	2
14	1	1	2	2	4	6	2	2	0	4	9	0	3	3
15	2	2	3	3	10	8	7	7	4	3	9	4	5	5
16	7	3	5	4	***	2	1	2	3	3	3	1	3	3
17	5	0	0	2	1	1	2	2	0	6	1	2	2	2
18	0	0	2	2	3	2	6	2	0	0	4	2	2	2
19	0	4	2	4	6	2	1	3	2	5	2	2	3	3
20	1	2	1	0	0	3	0	0	2	1	0	2	1	1
21	3	3	2	2	3	2	0	2	3	0	3	0	2	2
22	3	2	2	2	2	2	1	1	0	0	0	0	1	1
23	3	3	2	0	4	6	3	0	0	2	0	6	2	2
24	2	2	1	2	2	5	0	7	2	2	0	2	3	3
25	5	2	6	1	5	3	4	4	2	4	0	2	3	3
26	0	3	3	2	3	2	2	2	0	0	2	2	2	2
27	2	2	5	5	4	***	5	4	2	2	2	2	1	1
28	2	2	2	0	1	0	2	2	0	0	1	2	4	4
29	0	1	0	2	2	0	6	3	0	2	7	0	2	2
30	2	1	0	1	2	0	0	1	1	0	1	0	1	1
MEAN	2	2	2	2	3	2	2	2	1	2	2	2	2.0	2.0

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 27051

HOLY TRNTY CHRCH NORTON/PORTAGE, CHIPPAWA

MONTH - JUL 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	1	2	0	1	2	2	2	3	2	1	2
2	3	2	4	4	11	2	2	2	1	2	2	2	3
3	0	0	0	0	4	3	3	***	7	4	6	1	3
4	1	5	5	4	3	4	4	2	0	4	0	4	3
5	0	1	3	3	1	3	4	2	2	1	0	2	2
6	0	4	3	0	0	0	2	1	2	0	0	3	1
7	2	2	3	6	3	2	5	3	0	2	3	0	3
8	0	2	1	4	0	2	2	2	0	2	2	1	2
9	2	2	2	5	5	2	2	0	2	4	2	1	2
10	2	3	2	3	4	0	1	3	2	0	4	5	2
11	5	4	9	3	5	2	3	3	0	4	0	0	3
12	0	0	0	1	0	0	2	2	0	0	4	3	1
13	2	2	2	0	2	0	0	0	0	0	0	2	1
14	9	2	2	6	4	***	1	2	5	6	0	4	4
15	2	5	3	3	8	2	3	4	4	2	0	0	3
16	5	0	2	3	0	4	0	2	2	0	0	2	2
17	7	1	2	0	5	0	2	1	0	0	0	1	2
18	4	0	2	0	6	2	0	2	4	2	4	2	2
19	4	2	2	11	10	17	6	0	0	6	3	5	6
20	0	6	2	7	5	0	3	0	9	2	2	2	3
21	4	5	1	4	2	2	3	4	6	3	0	2	3
22	2	0	1	0	3	2	2	0	3	0	2	4	2
23	1	6	2	1	2	2	2	2	0	1	0	1	2
24	0	0	4	0	1	0	2	0	5	2	1	0	1
25	2	2	0	2	2	5	4	2	0	6	2	2	2
26	8	0	0	2	5	3	2	2	2	4	2	2	3
27	0	5	1	3	2	2	3	1	3	0	2	0	2
28	0	0	4	2	1	***	***	0	1	1	4	2	2
29	4	2	1	1	0	2	2	0	1	4	3	1	2
30	4	2	1	3	0	4	0	2	2	4	1	4	2
31	- DATA UNAVAILABLE -												
MEAN	3	2	2	3	3	2	2	2	2	2	2	2	2.3

PERCENTAGE OF DATA VALID - 95.7

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 3.2

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 27051

HOLY TRNTY CHRCH NORTON/PORTAGE, CHIPPAWA

MONTH - AUG 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	2	4	5	2	7	3	3	4	6	11	4
2	5	7	7	2	8	0	8	2	7	2	4	7	5
3	4	4	0	2	3	4	6	2	4	1	1	2	3
4	2	2	2	1	1	4	2	3	2	0	0	0	2
5	4	2	3	0	1	2	2	0	0	0	0	0	1
6	1	7	2	2	5	4	3	2	2	5	1	2	3
7	2	3	0	2	1	2	5	1	2	3	6	0	2
8	4	2	2	6	4	0	3	2	2	1	4	7	3
9	6	3	5	2	4	5	9	2	1	6	0	4	4
10	0	2	2	0	1	0	1	0	2	0	0	4	1
11	0	3	0	0	0	2	2	0	2	0	0	0	1
12	0	2	0	0	2	2	1	1	2	1	2	1	1
13	2	2	1	2	5	0	3	1	0	2	2	5	2
14	4	1	1	2	2	1	2	4	2	0	0	0	2
15	****	****	****	****	****	****	****	0	0	0	0	0	****
16	1	1	1	0	1	0	0	1	0	7	1	0	1
17	2	1	2	0	2	0	0	0	0	2	1	0	1
18	1	2	2	0	3	2	1	0	1	2	9	2	2
19	0	2	3	2	2	2	1	0	2	1	1	2	2
20	2	0	0	2	2	3	0	0	0	3	0	3	1
21	2	0	0	2	2	2	2	0	0	0	0	0	1
22	0	0	2	2	2	0	2	0	0	0	0	2	1
23	2	2	2	0	2	1	3	2	3	2	3	2	2
24	0	0	2	0	2	1	3	0	0	4	3	17	3
25	8	9	3	9	***	0	3	2	1	1	2	0	3
26	5	1	2	5	2	0	7	6	5	5	2	7	4
27	4	2	8	8	2	2	6	2	3	2	3	2	4
28	2	1	0	1	1	0	0	1	0	3	1	1	1
29	2	1	0	2	5	4	1	1	2	0	3	2	2
30	1	2	1	5	4	2	3	2	3	1	2	2	4
31	2	2	0	0	1	2	2	0	1	2	1	2	1
MEAN	2	2	2	2	3	2	3	1	2	2	2	3	2.1

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 27051 HOLY TRNTY CHRCH NORTON/PORTAGE, CHIPPAWA													MONTH - SEP 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	3	2	1	0	0	0	0	0	1	0	0	1	
2	0	0	2	4	4	0	2	0	1	2	2	2	2	
3	1	1	1	4	1	1	2	1	1	2	3	1	2	
4	4	3	2	5	2	0	2	2	1	1	2	2	2	
5	4	2	0	2	2	1	0	0	2	2	6	3	2	
6	2	2	2	2	2	0	1	4	0	2	2	14	3	
7	1	3	2	0	0	0	1	0	2	2	1	1	1	
8	1	2	2	0	1	0	1	2	1	1	1	2	1	
9	3	0	1	3	4	3	2	0	0	0	1	0	1	
10	2	2	0	1	0	2	0	0	2	1	0	2	1	
11	0	2	1	3	2	2	0	2	2	3	3	0	2	
12	0	4	2	0	1	0	0	0	0	0	0	1	1	
13	0	0	2	5	3	2	1	2	3	2	7	1	2	
14	2	1	2	0	0	3	0	5	0	0	0	0	1	
15	1	0	0	0	0	2	2	2	2	2	2	2	1	
16	2	0	3	2	2	0	0	2	0	2	0	0	1	
17	1	3	2	2	0	0	1	2	0	0	3	0	1	
18	0	2	0	0	0	2	0	2	2	5	2	0	2	
19	0	5	0	0	2	2	3	2	2	0	7	2	4	
20	2	5	13	3	1	2	3	2	2	0	2	5	2	
21	2	2	3	2	2	3	1	2	0	0	2	5	2	
22	0	1	0	-	-	-	4	3	1	2	0	0	1	
23	2	2	0	1	0	2	0	1	1	0	1	1	1	
24	5	2	3	2	0	0	2	2	3	0	1	1	2	
25	4	2	4	9	0	5	4	2	6	4	0	2	4	
26	0	0	0	2	0	0	1	0	0	2	2	4	1	
27	1	1	0	0	3	3	2	2	0	3	2	2	2	
28	2	0	1	0	0	0	0	3	2	3	2	2	1	
29	1	1	2	0	2	3	1	3	8	1	2	0	2	
30	4	2	1	2	1	5	0	3	1	6	0	4	2	
MEAN	2	2	2	2	1	1	1	2	1	2	2	2	1.6	

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.8

- NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "-" INDICATES DATA IS UNAVAILABLE
 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 27051 HOLY TRNTY CHRCH NORTON/PORTAGE, CHIPPAWA													MONTH - OCT 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	2	2	2	0	0	2	6	2	0	0	2	2	
2	0	2	2	1	0	1	3	2	0	11	2	4	2	
3	2	2	0	3	2	0	4	2	1	2	2	2	2	
4	0	1	0	0	0	0	0	1	0	0	0	0	1	
5	1	3	2	2	0	0	2	2	2	2	2	2	2	
6	1	1	2	0	****	****	****	****	****	****	****	****	*****	
7							DATA INVALID -							
8							DATA INVALID -							
9							DATA INVALID -							
10							DATA INVALID -							
11							DATA INVALID -							
12							DATA INVALID -							
13							DATA INVALID -							
14							DATA INVALID -							
15							DATA INVALID -							
16							DATA INVALID -							
17							DATA INVALID -							
18							DATA INVALID -							
19							DATA INVALID -							
20							DATA INVALID -							
21							DATA INVALID -							
22							DATA INVALID -							
23							DATA INVALID -							
24							DATA INVALID -							
25							DATA INVALID -							
26							DATA INVALID -							
27							DATA INVALID -							
28							DATA INVALID -							
29							DATA INVALID -							
30							DATA INVALID -							
31							DATA INVALID -							
MEAN	1	2	1	1	0	1	2	3	1	3	1	2	1.6	

PERCENTAGE OF DATA VALID - 17.2 PERCENTAGE OF DATA INVALID - 82.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "-" INDICATES DATA IS UNAVAILABLE
 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 CONCS/1000 FT

STATION - WC NO 27051

HOLY TRNTY CHRCH NORTON/PORTAGE, CHIPPAWA

MONTH - NOV 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3	****	****	****	****	****	****	****	3	4	4	2	1	*****
4	1	4	6	1	3	1	0	3	2	2	0	2	2
5	1	2	1	0	2	0	5	0	2	0	0	4	1
6	0	2	2	0	2	1	0	3	0	4	1	0	1
7	0	2	2	1	0	****	4	0	2	4	8	5	3
8	0	1	2	1	0	0	0	2	2	2	2	0	1
9	3	3	2	1	1	4	2	1	1	1	7	2	2
10	3	0	0	1	2	1	2	0	4	0	5	5	2
11	4	0	0	0	0	0	3	0	4	2	0	3	1
12	1	0	1	0	0	5	0	0	0	0	3	2	2
13	6	5	9	5	2	5	2	6	6	5	6	7	5
14	7	5	1	2	0	4	2	2	0	2	2	1	2
15	4	0	3	2	1	0	4	1	2	4	2	1	2
16	2	0	1	0	2	1	0	0	0	1	3	4	1
17	4	2	2	2	3	****	2	2	1	0	1	13	3
18	3	5	0	6	3	2	0	0	4	2	0	0	2
19	1	2	5	0	0	0	4	2	4	6	4	1	2
20	5	6	0	8	9	9	3	2	9	5	2	2	5
21	3	2	2	1	6	3	1	0	0	0	2	4	2
22	0	2	0	2	4	0	2	1	0	2	6	3	2
23	2	6	3	7	2	2	6	2	2	4	6	3	4
24	5	7	2	5	6	4	3	1	5	6	8	2	5
25	2	0	1	0	2	0	4	1	0	1	0	0	1
26	1	1	0	2	3	4	0	1	4	6	1	7	3
27	1	5	2	6	0	3	6	1	2	4	0	7	3
28	0	0	2	4	7	4	3	2	1	4	2	1	3
29	8	1	0	1	1	6	2	2	2	2	1	1	2
30	1	0	1	0	2	0	4	1	2	0	4	0	1
MEAN	3	2	2	2	2	2	2	2	2	3	3	3	2.4

PERCENTAGE OF DATA VALID - 90.8

PERCENTAGE OF DATA INVALID - 9.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 CONCS/1000 FT

STATION - WC NO 27051

HOLY TRNTY CHRCH NORTON/PORTAGE, CHIPPAWA

MONTH - DEC 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	1	3	2	0	4	****	****	2	8	0	6	3
2	0	7	2	4	5	1	2	5	6	0	0	6	3
3	9	3	0	3	2	0	2	5	4	0	1	1	4
4	6	4	3	3	9	1	0	3	6	5	3	3	4
5	3	6	2	4	1	8	4	1	4	12	2	6	4
6	2	1	4	4	2	3	2	4	4	6	3	2	6
7	8	9	9	2	8	9	9	2	0	4	5	2	3
8	2	0	9	2	2	3	0	5	1	1	4	2	3
9	1	5	2	4	6	0	2	5	0	5	2	0	3
10	2	0	2	1	1	5	0	2	6	1	0	1	2
11	0	2	0	2	0	4	0	2	0	4	3	3	2
12	2	0	5	6	7	7	1	3	7	5	3	0	4
13	2	2	2	2	0	2	4	0	0	5	1	0	2
14	0	0	2	3	1	0	0	3	0	0	0	0	1
15	0	2	2	2	14	7	4	2	3	2	3	4	4
16	7	7	2	1	2	2	0	6	3	3	0	7	3
17	4	0	2	2	6	5	7	7	3	6	-	-	4
18													
19	-	-	-	-	-	-	0	0	3	0	4	0	*****
20	5	1	0	3	2	2	0	2	2	2	2	3	2
21	1	0	4	0	4	2	2	0	0	0	3	3	2
22	0	2	4	3	8	5	3	0	12	2	0	2	3
23	5	3	2	13	6	9	12	5	4	2	6	2	6
24	6	7	5	0	8	4	6	4	6	2	3	0	4
25	8	2	0	2	2	6	2	1	4	0	2	0	2
26	4	2	2	1	4	2	5	4	4	0	3	0	3
27	6	3	7	12	6	3	2	3	2	6	5	3	5
28	7	2	2	6	6	3	3	8	2	6	5	15	5
29	4	10	5	5	10	****	5	9	0	6	0	0	5
30	2	2	1	0	2	2	0	2	4	1	2	1	2
31	0	1	0	3	1	2	1	2	2	2	2	0	1
MEAN	3	3	3	3	4	4	3	4	3	3	2	3	3.2

PERCENTAGE OF DATA VALID - 93.8

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 5.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27051 HOLY TRNTY CHRCH NORTON PORTAGE, CHIPPAWA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.1	4	15
FEB	29	2.5	6	15
MAR	31	2.7	5	17
APR	30	2.6	5	17
MAY	31	2.3	6	11
JUN	30	2.0	5	14
JUL	30	2.3	6	17
AUG	30	2.1	5	17
SEP	30	1.6	4	14
OCT	5	1.6	2	11
NOV	27	2.4	5	13
DEC	29	3.2	6	15
YEAR	333	2.3	6	17

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 27051 HOLY TRNTY CHRCH NORTON/PORTAGE, CHIPPAWA

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	331	37	2	0	0	0	0	370
FEB	291	49	6	0	0	0	0	346
MAR	303	58	8	1	0	0	0	370
APR	291	65	0	1	0	0	0	357
MAY	319	49	1	0	0	0	0	369
JUN	320	35	2	0	0	0	0	357
JUL	313	40	2	1	0	0	0	356
AUG	320	42	1	1	0	0	0	364
SEP	338	17	2	0	0	0	0	357
OCT	62	1	1	0	0	0	0	64
NOV	272	54	1	0	0	0	0	327
DEC	255	87	7	0	0	0	0	349
YEAR	3415	534	33	4	0	0	0	3986

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
90.8	0	0.0	0.5	1.5	2.3	4.8	6.3	8.1	9.7	17	2.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 28025 FARQUHAR/WYNDHAM ST. GUELPH

MONTH - AUG 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21	-	-	-	-	-	****	2	3	6	5	2	2	*****
22	4	1	0	0	0	5	2	0	0	5	3	1	2
23	4	0	0	3	0	2	0	9	0	0	1	7	2
24	0	0	1	0	0	5	2	2	1	0	2	3	1
25	0	0	2	3	4	0	2	2	1	2	1	0	1
26	2	0	7	9	1	2	2	4	2	3	0	4	3
27	2	2	5	0	0	1	3	2	5	2	0	0	2
28	4	2	0	0	2	2	7	2	0	0	0	2	2
29	2	0	0	2	1	3	2	3	3	0	5	0	2
30	1	2	2	3	3	1	0	4	0	7	2	2	2
31	2	2	2	3	0	1	0	0	4	3	2	0	2
MEAN	2	1	2	2	1	2	2	3	1	2	2	2	1.9

PERCENTAGE OF DATA VALID - 33.9

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 65.9

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 28025 FARQUHAR/WYNDHAM ST. GUELPH

MONTH - SEP 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	0	1	2	0	2	4	0	3	0	0	1
2	0	0	4	4	2	0	0	2	0	0	3	3	2
3	0	2	0	2	0	3	1	2	0	2	5	2	2
4	2	2	1	5	2	3	2	1	2	3	2	0	2
5	0	2	2	4	2	0	0	2	0	2	3	2	2
6	3	2	3	2	0	0	2	0	2	0	0	0	1
7	1	3	2	0	0	0	0	2	1	0	3	2	1
8	2	2	0	0	2	7	3	2	0	3	4	5	3
9	1	3	3	2	5	5	2	2	2	2	0	0	2
10	3	0	0	3	2	0	0	***	4	2	2	0	1
11	2	1	4	2	1	0	0	2	2	1	4	3	2
12	2	2	1	1	2	3	1	0	0	2	0	0	1
13	1	1	2	2	2	1	0	1	0	2	5	2	2
14	2	2	3	3	0	0	2	1	2	0	0	0	1
15	2	0	3	1	2	0	0	0	2	1	0	2	1
16	2	0	3	1	1	3	0	0	2	2	0	4	2
17	2	0	2	0	1	0	0	0	1	1	2	1	1
18	0	0	0	4	2	0	2	0	2	2	2	1	1
19	0	2	1	1	1	0	0	3	0	1	0	0	1
20	4	0	2	3	1	0	2	1	0	2	2	0	1
21	2	0	0	0	0	3	1	0	0	4	0	1	1
22	1	0	0	0	1	0	2	1	0	1	2	0	1
23	1	1	1	2	1	0	3	0	1	0	1	2	1
24	0	2	2	3	2	2	1	0	1	1	1	0	1
25	0	0	1	8	3	1	1	1	2	2	1	1	2
26	0	2	1	2	3	0	2	0	0	2	0	0	1
27	2	0	2	4	2	1	2	1	0	2	1	0	1
28	2	2	3	2	0	0	1	0	0	1	1	1	1
29	0	0	0	2	2	0	2	0	2	2	4	3	1
30	3	5	0	6	1	2	2	1	5	2	0	0	2
MEAN	1	1	2	2	2	1	1	1	1	2	2	1	1.4

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 28025 FARQUHAR/WYNDHAM ST. GUELPH													MONTH - OCT 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	4	0	8	1	2	0	2	2	1	0	2	2	2
2	2	2	0	3	1	0	2	1	4	2	6	2	2	2
3	0	0	2	2	0	2	0	1	0	2	1	0	1	1
4	4	0	0	1	2	3	0	0	0	2	2	1	1	1
5	2	2	1	1	0	1	2	0	0	0	0	0	2	1
6	0	2	0	1	2	2	0	0	2	3	0	0	1	1
7	2	0	3	3	0	1	0	4	0	0	2	2	1	1
8	0	2	0	1	2	3	2	2	0	0	1	2	1	1
9	2	5	1	2	2	1	2	2	0	0	0	0	1	1
10													*****	
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22						0	0	0	0	0	1	0	*****	
23							0	0	0	0	0	0	1	1
24	1	3	1	0	2	1	1	1	1	0	3	0	2	2
25	6	0	2	0	0	1	2	0	5	2	2	2	2	2
26	0	0	0	2	0	0	2	0	2	0	0	3	1	1
27	0	5	1	1	1	2	1	0	3	0	0	5	2	2
28	2	3	0	2	3	1	3	1	0	2	2	0	2	2
29	2	2	2	0	1	4	0	0	0	3	2	2	2	2
30	2	0	0	0	2	0	1	0	2	4	0	2	1	1
31	2	0	0	4	2	1	3	2	2	6	4	2	2	2
MEAN	2	2	1	2	1	1	1	1	1	2	2	2	1.4	

PERCENTAGE OF DATA VALID - 55.1

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 44.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 28025 FARQUHAR/WYNDHAM ST. GUELPH													MONTH - NOV 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	2	3	2	0	2	1	0	0	0	2	1	1
2	0	7	0	0	0	0	2	0	0	1	5	1	1	1
3	1	6	0	2	1	1	4	4	3	3	2	0	2	2
4														
5														
6														
7														
8														
9														
10	****	****	****	****	****	****	1	0	1	0	2	1	*****	
11	0	4	0	0	3	2	5	1	0	0	0	0	1	1
12	0	4	0	3	0	4	2	0	4	2	5	2	2	2
13	2	5	4	12	6	5	2	2	0	0	2	1	3	3
14	0	0	3	2	1	6	2	6	2	1	2	3	2	2
15	1	0	7	0	2	0	2	1	4	2	0	5	2	2
16	0	2	7	2	2	4	0	0	0	2	2	6	2	2
17	2	4	2	2	2	2	2	4	1	2	0	4	2	2
18	0	2	2	2	2	2	2	0	3	2	0	2	2	2
19	2	4	2	2	4	0	4	1	0	8	0	2	2	2
20	6	1	0	4	0	8	0	0	1	0	4	0	2	2
21	0	1	0	4	0	1	4	4	2	0	2	1	2	2
22	2	5	0	2	2	4	0	1	5	4	5	3	3	3
23	0	4	2	0	****	****	****	****	****	****	****	****	*****	
24														
25														
26														
27														
28	****	****	****	****	****	6	0	1	4	2	0	4	*****	
29	0	0	3	0	4	0	2	7	2	2	2	0	2	2
30	2	0	0	1	0	2	0	4	0	2	2	2	1	1
MEAN	1	3	2	2	2	3	2	2	2	2	2	2	2.0	

PERCENTAGE OF DATA VALID - 61.4

PERCENTAGE OF DATA INVALID - 38.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 28025 FARQUHAR/WYNDHAM ST. GUELPH													MONTH - DEC 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	5	2	1	1	0	8	0	2	1	2	0	2	2
2	6	0	2	2	1	2	2	1	2	0	0	2	2	2
3	0	1	0	5	0	2	0	0	4	5	0	0	1	1
4	1	1	2	0	4	2	7	0	0	1	0	0	2	2
5	0	0	4	3	0	0	1	2	3	1	0	4	2	2
6	1	0	6	1	2	6	2	0	2	3	-	-	2	2
7							* DATA UNAVAILABLE *							
8							* DATA UNAVAILABLE *							
9							* DATA UNAVAILABLE *							
10							* DATA UNAVAILABLE *							
11							* DATA UNAVAILABLE *							
12							* DATA UNAVAILABLE *							
13							* DATA UNAVAILABLE *							
14							* DATA UNAVAILABLE *							
15	-	-	-	-	-	0	2	5	0	0	2	4	*****	
16	1	2	1	0	3	0	0	0	5	3	0	1	2	2
17	0	2	1	0	5	2	5	0	0	2	3	2	2	2
18	2	2	0	4	0	2	2	2	3	0	0	0	2	2
19	4	0	3	0	2	0	3	1	0	2	2	4	2	2
20	2	1	2	0	1	2	0	2	0	0	2	1	1	1
21	2	0	3	0	0	4	6	0	1	4	4	4	2	2
22	4	3	2	2	2	4	3	0	8	4	3	1	3	3
23	2	4	4	4	4	6	4	4	4	4	2	3	4	4
24	3	4	3	4	2	0	0	6	2	0	0	2	2	2
25	0	0	0	4	4	0	4	2	2	2	2	0	2	2
26	2	0	3	2	4	2	1	2	2	0	1	0	2	2
27	8	6	4	5	4	0	1	2	2	2	2	2	3	3
28	4	3	0	8	2	4	1	3	0	4	3	2	3	3
29	2	7	2	2	3	1	1	2	0	2	2	0	2	2
30	2	5	0	2	1	3	2	1	1	0	2	0	2	2
31	6	0	1	0	0	2	0	0	0	0	1	2	1	1
MEAN	2	2	2	3	2	2	2	2	2	2	2	2	2.0	

PERCENTAGE OF DATA VALID - 72.3

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 27.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 28025 FARQUHAR/WYNDHAM ST. GUELPH

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY		DATA UNAVAILABLE		
JUN		DATA UNAVAILABLE		
JUL		DATA UNAVAILABLE		
AUG	10	1.9	3	9
SEP	30	1.4	3	8
OCT	16	1.4	2	8
NOV	17	2.0	3	12
DEC	22	2.0	4	8
YEAR	95	1.7	4	12

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 28025 FARQUHAR/WYNDHAM ST. GUELPH

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA UNAVAILABLE							
FEB	DATA UNAVAILABLE							
MAR	DATA UNAVAILABLE							
APR	DATA UNAVAILABLE							
MAY	DATA UNAVAILABLE							
JUN	DATA UNAVAILABLE							
JUL	DATA UNAVAILABLE							
AUG	113	13	0	0	0	0	0	126
SEP	348	11	0	0	0	0	0	359
OCT	197	8	0	0	0	0	0	205
NOV	198	22	1	0	0	0	0	221
DEC	245	24	0	0	0	0	0	269
YEAR	1101	78	1	0	0	0	0	1180

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
64.3	0	0.0	0.0	1.1	1.7	3.6	4.5	5.9	6.9	12	1.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON

MONTH - JAN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	9	0	1	3	3	2	1	2	4	3	2	4	3
2	-	-	-	-	----	2	6	7	8	3	4	3	-----
3	1	0	2	6	5	2	5	1	5	8	7	2	4
4	8	0	6	5	9	8	0	13	11	0	6	5	6
5	8	4	5	3	2	4	5	6	3	2	0	6	4
6	3	7	3	4	6	6	2	0	6	2	5	6	3
7	3	2	1	4	2	3	0	3	7	1	3	4	2
8	2	2	4	2	0	2	1	2	1	5	2	2	2
9	6	4	2	1	1	2	2	5	2	0	3	0	2
10	0	1	4	4	8	7	5	4	9	2	10	7	5
11	8	9	4	3	5	2	2	2	0	4	2	2	4
12	4	0	3	2	2	4	1	0	3	0	5	3	2
13	4	6	4	2	4	2	2	3	11	3	3	4	4
14	1	1	0	4	2	0	3	6	6	9	3	6	3
15	8	3	5	6	6	10	4	9	6	2	6	6	5
16	5	2	3	0	10	6	5	4	3	6	4	3	8
17	6	12	9	12	16	11	2	6	3	3	4	2	3
18	2	2	2	4	----	3	4	0	2	3	4	0	2
19	6	0	3	4	0	0	2	0	2	3	4	2	2
20	6	0	3	0	2	2	0	4	2	1	5	2	2
21	0	0	0	2	4	3	2	5	5	4	3	5	3
22	3	3	1	2	2	3	0	7	2	2	3	3	3
23	2	0	4	0	3	0	3	4	2	2	3	2	2
24	3	0	5	5	3	8	3	1	7	3	4	4	4
25	1	4	5	3	9	10	3	5	6	7	8	5	6
26	3	6	2	2	3	0	4	3	3	8	2	5	3
27	4	2	2	1	0	1	3	0	2	3	2	4	2
28	0	4	8	5	6	0	2	2	5	5	2	4	4
29	0	7	7	2	2	3	2	2	2	2	0	3	3
30	4	3	2	2	5	----	1	1	7	4	0	5	3
31	0	5	2	9	6	7	2	2	7	3	5	2	4
MEAN	4	3	3	3	4	4	2	4	5	3	4	4	3.6

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. ----- INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. --- INDICATES DATA IS UNAVAILABLE

3. ----- INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON													MONTH - FEB 80
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	3	7	3	4	6	1	2	5	0	0	3
2	4	4	0	7	2	3	1	0	0	2	2	0	3
3	6	1	2	2	0	2	0	0	2	4	2	5	3
4	2	0	2	5	2	1	0	0	2	3	2	2	2
5	2	3	2	6	3	7	3	0	5	3	6	5	4
6	6	5	4	8	12	7	6	9	9	6	5	6	7
7	9	5	6	3	3	2	2	3	1	4	8	2	4
8	0	2	1	6	2	4	0	2	5	8	2	3	3
9	1	2	7	2	3	4	5	11	10	5	3	4	5
10	2	0	1	3	2	3	0	1	3	0	0	2	1
11	5	3	10	3	5	0	3	2	0	2	0	2	3
12	2	4	5	7	2	3	1	2	4	2	0	4	3
13	4	5	5	7	2	5	2	0	3	5	1	3	4
14	2	2	0	7	5	0	2	3	2	5	3	1	3
15	5	7	7	7	4	3	2	5	7	7	5	3	5
16	3	11	2	5	2	3	3	2	3	2	2	0	3
17	2	3	3	2	1	2	0	3	0	***	-	-	2
18							- DATA UNAVAILABLE -						
19							- DATA INVALID -						
20							- DATA INVALID -						
21							- DATA INVALID -						
22							- DATA INVALID -						
23							- DATA INVALID -						
24							- DATA INVALID -						
25							- DATA INVALID -						
26							- DATA INVALID -						
27							- DATA INVALID -						
28							- DATA INVALID -						
29							- DATA INVALID -						
MEAN	3	3	3	5	3	3	2	3	4	4	3	3	3.3

PERCENTAGE OF DATA VALID - 57.8

PERCENTAGE OF DATA INVALID - 35.6

PERCENTAGE OF DATA UNAVAILABLE - 6.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON													MONTH - MAR 80
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA INVALID -						
2							- DATA INVALID -						
3	****	****	****	****	****	2	3	0	2	3	2	2	*****
4	2	0	0	2	1	2	2	4	2	2	2	3	2
5	0	4	2	5	7	5	7	5	2	0	0	0	3
6	2	2	2	3	2	0	0	0	0	2	2	2	1
7	2	3	1	5	1	0	3	2	0	2	3	2	2
8	5	2	2	2	1	5	1	2	2	2	0	1	2
9	2	3	2	1	0	0	2	0	5	2	2	7	2
10	2	0	2	1	2	1	2	2	0	2	0	0	1
11	1	2	1	2	****	0	2	1	0	0	1	3	1
12	1	0	0	5	2	2	2	2	0	3	0	7	2
13	1	2	2	2	2	2	2	3	6	3	2	2	2
14	2	1	2	2	1	1	0	2	1	3	5	1	1
15	0	0	0	1	1	0	2	4	3	2	3	0	1
16	3	3	1	1	2	0	3	5	1	5	2	2	2
17	2	5	2	8	2	0	2	4	1	1	0	0	2
18	2	0	0	0	****	3	2	0	0	3	1	0	1
19	0	2	2	1	0	0	0	1	2	2	3	3	1
20	3	2	3	2	0	1	4	4	1	3	2	3	2
21	7	2	5	10	6	7	7	2	1	0	0	2	4
22	1	0	2	3	1	6	2	0	3	2	2	1	2
23	2	0	4	1	0	0	0	2	2	0	0	1	1
24	0	5	3	3	6	3	3	5	2	2	4	1	3
25	3	1	0	0	0	2	3	2	1	3	1	3	2
26	3	0	0	2	2	3	5	4	3	1	3	1	2
27	0	3	3	5	3	4	2	4	7	2	3	3	3
28	2	2	3	3	5	9	10	7	6	2	7	9	5
29	2	2	0	2	0	3	1	7	3	2	2	2	2
30	0	0	3	0	7	2	1	3	0	0	0	2	2
31	2	3	9	5	****	3	2	5	7	7	2	2	4
MEAN	2	2	2	3	2	2	3	3	2	2	2	2	2.2

PERCENTAGE OF DATA VALID - 91.4

PERCENTAGE OF DATA INVALID - 8.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CONHS/1000 FT	
STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON													MONTH - APR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	7	9	14	11	5	3	11	4	2	4	2	6	
2	3	6	1	0	5	1	2	6	2	0	3	2	3	
3	3	2	4	11	3	5	4	3	8	5	5	2	5	
4	2	0	1	2	2	5	1	2	2	2	2	1	2	
5	2	0	4	1	2	3	0	0	0	2	2	3	2	
6	0	0	0	0	1	2	1	3	2	0	2	0	1	
7	3	3	0	2	6	3	2	2	0	4	1	3	2	
8	3	1	0	2	0	3	15	7	2	16	8	2	8	
9	0	2	0	4	1	2	3	0	0	1	2	1	1	
10	2	0	0	2	0	0	5	2	0	2	0	0	1	
11	3	0	2	1	0	***	0	1	2	2	2	2	1	
12	0	2	2	2	7	3	2	2	0	0	5	1	2	
13	1	3	0	0	0	3	2	2	0	1	1	0	1	
14	0	2	2	1	3	3	1	9	2	5	3	3	3	
15	0	0	2	0	0	0	0	2	0	3	1	2	1	
16	0	0	0	0	0	***	-	-	-	-	-	-	*****	
17	-	-	-	-	-	-	-	***	2	2	2	0	*****	
18	2	2	2	2	2	1	4	2	2	0	0	0	2	
19	0	7	5	1	0	2	2	0	2	0	0	2	1	
20	2	2	0	1	0	0	1	0	0	1	1	2	1	
21	0	0	2	0	3	3	1	2	0	2	2	2	1	
22	0	0	0	3	5	7	4	2	5	1	5	2	3	
23	4	2	9	1	5	1	4	1	1	0	1	0	3	
24	3	1	2	1	2	5	0	1	3	2	0	0	2	
25	3	0	1	2	2	2	0	0	0	0	0	2	1	
26	0	2	2	0	2	3	2	2	0	3	1	2	2	
27	3	0	1	0	2	2	2	2	1	2	0	2	1	
28	2	2	****	****	****	****	****	****	****	****	****	****	*****	
29							- DATA INVALID -							
30							- DATA INVALID -							
MEAN	2	2	2	2	2	3	2	3	2	2	2	1	2.1	

PERCENTAGE OF DATA VALID - 86.1

PERCENTAGE OF DATA INVALID - 10.3

PERCENTAGE OF DATA UNAVAILABLE - 3.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CONHS/1000 FT	
STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON													MONTH - MAY 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1							- DATA INVALID -							
2							- DATA INVALID -							
3							- DATA INVALID -							
4							- DATA INVALID -							
5							- DATA INVALID -							
6	****	****	****	****	0	0	0	2	2	1	2	0	1	
7	0	0	5	2	2	3	1	0	1	5	0	0	2	
8	0	2	2	4	0	2	2	0	2	1	0	3	2	
9	0	1	1	2	2	2	0	0	0	5	0	2	1	
10	1	0	2	0	0	0	1	4	0	0	2	2	1	
11	2	0	0	2	2	0	0	1	2	0	0	0	1	
12	0	0	2	5	0	3	2	7	4	6	0	1	3	
13	1	0	0	2	0	0	6	3	5	2	0	2	2	
14	2	0	2	2	2	1	0	2	1	1	1	0	1	
15	1	0	2	0	2	2	2	0	0	0	4	2	1	
16	0	1	0	1	0	5	0	0	0	3	2	3	1	
17	1	0	1	9	3	3	6	8	3	0	2	2	3	
18	0	1	0	4	1	0	0	2	3	0	0	0	1	
19	1	0	0	2	0	0	1	2	0	0	1	0	1	
20	0	1	1	2	2	2	2	1	2	2	0	0	1	
21	0	0	0	4	0	2	2	1	0	4	4	0	1	
22	0	0	2	***	2	2	0	3	2	1	1	0	1	
23	3	0	1	1	2	0	2	0	0	0	0	5	1	
24	3	0	0	1	0	2	2	0	3	1	2	2	1	
25	0	1	1	3	0	0	2	3	0	0	0	4	1	
26	0	0	2	0	1	2	0	0	1	0	0	3	1	
27	3	3	1	0	0	0	1	0	0	2	0	0	1	
28	0	0	0	4	0	2	3	1	0	0	4	0	1	
29	0	0	3	1	9	5	0	3	0	0	3	0	2	
30	2	2	2	3	2	4	2	2	3	2	1	0	2	
31	0	0	0	2	0	0	0	0	0	2	0	0	0	
MEAN	1	0	1	2	1	2	1	2	1	2	1	1	1.3	

PERCENTAGE OF DATA VALID - 82.3

PERCENTAGE OF DATA INVALID - 17.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CGHS/1000 FT	
STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON													MONTH - JUN 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	0	0	2	2	1	0	0	0	1	0	1	
2	2	0	2	4	3	6	5	0	0	0	2	0	2	
3	1	7	2	1	2	2	2	2	0	0	0	0	2	
4	0	0	1	0	1	0	0	0	2	5	0	0	1	
5	0	0	0	1	0	0	0	1	3	0	0	0	1	
6	0	2	6	0	2	3	2	0	2	1	0	0	2	
7	2	0	1	2	2	4	0	4	2	1	2	2	2	
8	0	0	0	0	2	0	2	0	2	0	2	0	1	
9	2	2	0	2	0	0	2	0	2	1	2	0	1	
10	0	0	1	0	0	3	2	3	2	2	0	0	1	
11	1	1	0	0	0	0	0	0	0	0	0	0	0	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	
18	6	0	0	3	4	1	3	2	2	0	0	2	2	
19	0	0	2	5	5	11	11	7	3	3	2	2	2	
20	0	2	0	2	2	2	2	0	5	5	0	2	4	
21	1	0	1	2	2	0	0	1	2	0	1	0	1	
22	2	0	5	2	1	0	2	2	1	1	1	0	2	
23	3	0	3	2	0	4	3	3	3	3	2	0	3	
24	3	2	2	7	11	0	6	5	2	2	0	5	3	
25	3	3	3	11	2	3	3	2	2	4	6	2	4	
26	3	0	2	5	0	0	2	2	2	0	5	0	3	
27	0	2	7	4	5	8	3	7	9	3	2	1	2	
28	3	2	7	3	7	2	3	3	3	2	1	0	4	
29	2	5	5	0	2	5	3	3	3	3	5	0	4	
30	1	1	2	2	2	2	0	4	4	0	3	3	3	
MEAN	2	1	2	3	3	3	2	2	2	2	2	1	2.0	

PERCENTAGE OF DATA VALID - 76.9

PERCENTAGE OF DATA INVALID - 20.8

PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CGHS/1000 FT	
STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON													MONTH - JUL 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	1	0	4	2	0	1	0	2	2	0	1	
2	2	2	2	3	1	5	3	3	5	3	2	0	3	
3	2	3	3	3	4	7	3	2	2	3	1	8	3	
4	2	1	2	2	0	3	2	6	2	1	2	2	2	
5	0	0	1	2	0	4	1	1	1	1	0	0	1	
6	0	0	0	0	0	1	4	2	1	1	0	0	1	
7	0	2	2	1	0	5	2	0	0	3	7	0	2	
8	0	0	1	3	0	3	0	2	3	1	3	2	2	
9	0	0	0	2	9	2	2	1	1	0	3	2	2	
10	2	0	4	8	3	0	0	0	0	0	2	0	2	
11	4	2	2	1	1	1	0	0	0	1	0	2	1	
12	2	0	1	0	0	2	0	0	1	1	2	3	1	
13	3	0	2	0	0	0	0	0	0	0	0	0	0	
14	1	2	0	2	0	1	0	0	0	0	0	0	0	
15	1	0	2	0	0	5	3	0	1	2	1	1	1	
16	1	0	1	2	1	2	0	0	2	4	2	2	2	
17	2	0	1	2	2	1	1	0	0	2	1	2	1	
18	2	1	5	4	3	0	6	3	2	1	1	2	1	
19	2	3	3	2	4	2	2	1	2	4	3	0	3	
20	2	0	2	0	1	1	0	1	0	2	3	5	2	
21	2	0	0	2	0	1	0	0	0	0	0	4	1	
22	1	2	0	2	1	2	5	0	0	0	0	2	1	
23	1	0	0	3	2	0	0	2	3	1	0	0	2	
24	2	2	0	2	0	0	1	2	3	0	8	0	2	
25	0	0	0	0	0	0	2	0	1	0	2	1	1	
26	1	2	0	0	2	2	5	4	0	2	3	2	2	
27	2	6	6	1	3	7	5	2	11	6	4	3	5	
28	3	3	2	4	0	0	0	0	0	0	0	0	0	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	
31	0	2	0	1	2	1	0	3	2	7	5	3	2	
MEAN	1	1	1	2	2	2	2	1	1	2	2	2	1.6	

PERCENTAGE OF DATA VALID - 92.7

PERCENTAGE OF DATA INVALID - 7.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON														MONTH - AUG 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	2	2	7	2	1	4	2	4	0	0	0	0	2		
2	0	0	3	4	0	2	2	0	2	4	2	4	2		
3	2	1	0	0	2	2	1	2	0	3	2	2	1		
4	6	0	0	2	4	2	0	0	1	2	0	2	2		
5	2	0	2	***	0	4	0	0	1	0	2	2	1		
6	2	0	1	6	0	4	1	0	2	0	0	2	2		
7	3	0	5	4	0	2	0	5	2	5	3	3	3		
8	2	1	6	2	0	4	1	2	1	2	6	3	3		
9	3	0	2	2	2	4	2	1	2	2	2	2	2		
10	3	0	0	1	2	0	1	5	1	0	3	4	2		
11	0	1	3	2	7	4	7	2	2	11	5	2	4		
12	1	2	2	0	0	1	2	2	0	0	0	3	1		
13	2	2	0	0	0	0	0	1	2	4	5	2	2		
14	0	0	6	3	2	4	0	0	0	3	3	0	2		
15	2	2	2	***	***	0	0	2	0	2	0	0	1		
16	2	1	0	0	0	1	1	0	2	3	2	2	1		
17	2	2	0	1	2	4	6	1	0	0	2	1	2		
18	0	0	2	2	0	0	0	2	3	2	2	0	1		
19	2	2	1	0	7	3	0	0	4	1	0	2	2		
20	1	1	2	3	8	15	6	5	2	2	7	6	5		
21	4	2	2	4	3	3	7	10	3	3	5	0	4		
22	2	0	4	7	2	4	2	4	6	0	4	2	3		
23	1	0	2	0	0	2	4	2	5	4	3	2	2		
24	0	0	2	3	4	2	3	2	0	0	0	2	2		
25	6	2	2	5	4	0	2	3	0	0	0	2	2		
26	1	0	0	8	0	0	0	5	0	7	2	2	2		
27	2	0	2	0	0	2	3	1	0	4	1	8	2		
28	1	1	2	0	***	***	1	4	2	4	4	4	2		
29	0	0	2	4	4	1	11	2	5	3	0	0	3		
30	0	0	2	7	5	0	2	2	5	5	2	0	2		
31	2	0	0	0	0	2	0	0	0	2	0	0	1		
MEAN	2	1	2	2	2	2	2	2	2	3	2	2	2.0		

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COMS/1000 FT						
STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON							MONTH - SEP 80						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	0	0	0	0	1	0	0	0	0	2	0
2	3	0	1	1	2	0	0	3	1	1	0	3	1
3	0	0	4	----	----	----	----	----	----	----	----	----	-----
4	- DATA INVALID -												
5	- DATA INVALID -												
6	- DATA INVALID -												
7	- DATA INVALID -												
8	----	----	----	----	----	3	11	5	3	5	7	3	-----
9	2	2	0	3	5	2	2	3	2	0	0	2	2
10	0	0	0	2	3	0	2	2	2	0	2	2	1
11	0	2	2	2	0	3	2	2	2	3	2	2	2
12	2	3	3	3	3	0	3	3	3	2	2	1	2
13	5	3	4	0	2	2	4	5	1	4	3	7	3
14	3	4	4	2	2	2	2	4	0	4	2	1	3
15	0	0	0	0	2	7	3	4	3	0	3	2	2
16	1	0	3	2	2	0	2	3	5	3	6	2	2
17	2	2	5	3	2	0	3	1	3	3	0	2	2
18	4	0	0	4	2	2	2	0	0	2	0	0	1
19	3	2	2	2	0	0	4	11	4	4	6	3	3
20	6	4	6	4	2	4	3	2	3	2	5	1	4
21	8	5	1	2	5	6	2	3	0	2	3	0	3
22	2	2	0	2	0	2	5	0	0	0	3	2	2
23	1	1	2	2	4	0	0	0	0	0	2	0	1
24	0	2	0	2	0	0	0	2	2	2	2	4	1
25	3	5	9	8	6	0	2	2	2	0	1	0	3
26	2	3	0	3	3	0	3	0	3	0	0	2	2
27	2	2	2	7	0	0	2	3	4	0	0	2	2
28	9	0	0	0	0	5	2	0	0	1	2	7	2
29	7	4	3	3	0	0	5	9	2	2	7	5	4
30	5	5	5	4	3	0	4	4	0	2	2	5	3
MEAN	3	2	2	3	2	2	3	3	2	2	2	2	2.3

PERCENTAGE OF DATA VALID - 82.8

PERCENTAGE OF DATA INVALID - 17.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON													MONTH - OCT 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	2	5	2	0	0	5	3	5	2	2	2	
2	5	0	3	1	5	0	4	2	0	0	4	2	2	
3	8	0	5	4	---	2	2	1	4	0	6	3	4	
4	2	0	0	3	4	2	5	0	4	0	2	0	2	
5	2	0	2	6	2	3	0	0	1	1	6	2	2	
6	1	0	3	3	8	3	4	0	6	0	0	0	0	
7	8	3	3	10	10	8	6	2	0	5	4	7	5	
8	0	8	2	1	0	8	4	1	4	0	1	0	0	
9	0	2	0	4	0	8	0	0	7	2	6	4	2	
10	2	8	9	13	8	6	3	6	7	3	7	5	6	
11	12	2	4	3	0	1	2	0	2	1	0	2	2	
12	0	0	2	0	2	0	0	5	0	0	4	0	1	
13	1	0	2	0	1	0	0	0	0	0	4	0	1	
14	4	2	2	0	5	2	2	5	1	4	0	8	3	
15	2	4	5	3	7	4	7	2	2	0	6	4	4	
16	4	9	3	6	5	8	5	4	4	5	6	8	6	
17	5	2	4	14	12	7	4	2	4	0	3	1	5	
18	0	2	0	0	0	0	2	0	2	0	2	6	1	
19	0	1	0	6	1	2	0	2	0	1	0	2	1	
20	1	1	0	0	1	---	0	2	0	4	1	2	1	
21	0	0	4	6	2	2	0	3	1	2	1	1	2	
22	0	2	0	2	2	0	0	2	2	1	5	1	1	
23	4	0	0	6	7	2	8	4	0	1	0	4	3	
24	0	4	5	2	6	7	3	7	4	4	8	7	4	
25	2	0	4	2	2	12	2	3	0	4	1	3	3	
26	0	1	4	1	0	1	0	5	0	0	0	1	1	
27	0	2	0	0	0	1	0	0	1	0	2	1	1	
28	0	1	2	4	2	1	0	2	0	0	0	0	1	
29	0	0	1	2	2	2	0	2	1	0	1	1	1	
30	4	2	2	0	0	1	0	3	2	0	2	1	1	
31	0	1	2	0	0	2	2	1	0	1	1	0	1	
MEAN	2	2	2	3	3	3	2	2	2	1	3	2	2.4	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON													MONTH - NOV 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	2	1	0	0	0	2	0	1	4	0	1	
2	1	0	0	0	0	0	2	2	0	2	3	2	1	
3	4	0	3	5	2	2	1	1	2	2	2	1	2	
4	0	0	0	5	2	0	2	0	2	2	0	2	1	
5	0	0	0	2	2	0	0	0	2	0	2	0	2	
6	2	2	2	2	---	2	6	0	6	0	0	2	1	
7	4	2	2	2	6	5	2	2	6	0	3	0	2	
8	0	0	0	0	2	2	2	0	2	1	2	0	1	
9	4	8	7	4	4	0	2	0	0	0	2	0	3	
10	2	0	0	2	8	1	9	2	0	0	0	2	2	
11	0	0	0	0	2	5	0	4	2	0	8	0	2	
12	0	2	3	0	0	0	0	0	0	8	2	1	2	
13	2	4	2	2	0	2	0	0	2	4	6	6	3	
14	8	2	6	0	2	2	2	0	0	5	2	2	3	
15	2	0	4	0	0	2	2	0	4	2	2	1	2	
16	1	3	2	0	0	0	0	0	0	4	0	0	1	
17	0	4	5	0	12	3	8	2	12	2	8	2	5	
18	4	0	0	2	0	2	0	2	6	0	3	2	2	
19	0	0	0	0	0	2	6	0	2	0	2	0	1	
20	5	3	2	2	2	2	0	2	6	3	6	0	3	
21	7	0	6	0	0	6	0	0	0	2	0	4	2	
22	0	0	0	0	4	0	2	0	2	2	2	2	1	
23	4	6	4	0	2	2	2	2	3	6	5	2	3	
24	0	0	4	4	4	7	6	4	1	0	0	0	3	
25	4	2	0	6	0	3	0	6	0	2	4	0	2	
26	2	2	6	2	3	4	0	0	8	6	4	5	4	
27	4	4	2	0	0	2	2	2	6	0	2	4	3	
28	5	2	6	5	5	2	1	0	3	0	2	2	3	
29	1	3	2	0	2	0	0	0	1	0	2	2	1	
30	0	0	0	0	5	0	0	0	0	2	2	6	1	
MEAN	2	2	2	2	3	2	2	1	3	2	3	2	2.1	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COMS/1000 FT						
STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON							MONTH - DEC 80						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	4	0	4	4	3	3	0	2	8	13	7	4
2	8	4	4	4	2	0	0	2	2	2	2	0	3
3	0	2	2	2	4	0	2	0	3	0	0	2	1
4	0	6	3	2	0	***	3	5	8	8	1	3	4
5	5	10	4	5	6	0	2	2	5	4	9	4	5
6	2	0	8	4	2	4	4	6	2	4	4	9	4
7	4	0	10	6	4	3	2	4	10	8	0	0	4
8	4	6	2	0	4	0	2	2	2	0	4	4	3
9	0	0	0	2	2	2	2	4	2	2	4	6	2
10	2	4	0	4	4	2	4	0	2	4	0	4	3
11	4	2	4	2	6	2	4	0	2	2	0	0	2
12	7	2	4	2	4	6	2	1	2	2	2	2	3
13	2	0	4	2	2	0	2	0	4	4	1	1	2
14	2	2	0	3	0	0	0	0	1	4	4	2	2
15	1	6	0	0	4	3	0	4	4	9	6	2	3
16	4	4	4	5	3	0	0	4	2	4	0	2	3
17	4	0	0	1	4	5	6	2	2	0	2	0	2
18	0	4	4	2	2	4	1	1	6	0	1	1	2
19	9	0	2	0	0	4	2	2	2	0	5	2	2
20	0	0	0	0	0	0	0	0	6	2	0	2	1
21	0	0	2	2	0	4	0	0	2	0	4	2	1
22	2	2	2	12	2	4	4	0	4	0	2	6	3
23	8	8	6	6	0	4	0	2	2	4	4	4	4
24	0	0	2	2	2	2	0	0	2	0	2	3	1
25	2	2	0	0	5	2	4	0	0	5	5	1	2
26	2	0	1	0	0	2	1	1	4	0	0	0	1
27	9	4	4	1	4	0	6	9	4	4	4	10	5
28	12	6	9	4	4	2	2	4	0	4	2	6	5
29	0	0	2	8	5	4	10	4	2	2	5	0	4
30	3	0	2	2	0	***	***	***	***	***	***	***	*****
31	- DATA INVALID -												
MEAN	3	3	3	3	3	2	2	2	3	3	3	3	2.7

PERCENTAGE OF DATA VALID - 94.6

PERCENTAGE OF DATA INVALID - 5.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29001 HUGHSON/HUNTER HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	3.6	8	16
FEB	17	3.3	7	12
MAR	28	2.2	5	10
APR	25	2.1	6	16
MAY	26	1.3	3	9
JUN	23	2.0	4	11
JUL	28	1.6	5	11
AUG	31	2.0	5	15
SEP	24	2.3	4	11
OCT	31	2.4	6	14
NOV	30	2.1	5	12
DEC	29	2.7	5	13
YEAR	322	2.3	8	16

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 CGMS/1000 FT

STATION - WC NO 29001 HUGHSON/MUNTER HAMILTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	256	101	7	1	0	0	0	365
FEB	144	54	3	0	0	0	0	201
MAR	295	45	0	0	0	0	0	340
APR	276	28	5	1	0	0	0	310
MAY	291	15	0	0	0	0	0	306
JUN	241	33	3	0	0	0	0	277
JUL	321	23	1	0	0	0	0	345
AUG	327	37	3	0	0	0	0	367
SEP	259	37	2	0	0	0	0	298
OCT	300	64	5	0	0	0	0	369
NOV	307	50	2	0	0	0	0	359
DEC	295	54	3	0	0	0	0	352
YEAR	3312	541	34	2	0	0	0	3889

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
88.5	0	0.0	0.1	1.4	2.3	4.9	6.5	8.3	9.8	16	2.3

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 CGMS/1000 FT

STATION - WC NO 29009 KENILWORTH HAMILTON

MONTH - JAN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	1	2	0	2	0	2	2	2	2	2	2
2	1	0	2	2	3	***	4	3	3	3	9	1	3
3	3	4	0	2	0	2	4	3	3	3	3	2	2
4	6	5	3	7	6	2	2	2	8	0	2	2	4
5	1	2	2	6	2	0	3	9	4	2	2	2	3
6	5	3	3	12	7	4	2	2	4	3	3	4	4
7	2	1	3	2	0	4	0	2	3	0	3	5	2
8	0	3	3	3	2	0	4	2	4	3	1	0	2
9	2	3	2	2	3	5	0	0	1	5	2	5	3
10	2	2	5	3	3	3	1	6	5	3	3	2	3
11	8	12	3	0	2	9	3	0	2	1	2	6	4
12	2	3	2	0	5	0	3	0	0	4	3	2	2
13	4	1	8	5	5	1	3	0	2	2	2	5	3
14	1	6	0	2	5	4	3	0	5	2	6	5	3
15	0	0	2	7	9	2	2	2	2	7	2	2	3
16	2	2	4	2	2	3	2	2	6	0	8	4	3
17	5	5	3	8	3	8	0	4	5	5	2	2	4
18	1	2	2	2	2	***	3	5	2	2	3	1	2
19	2	2	3	0	6	2	2	0	4	0	0	3	2
20	0	0	0	2	1	0	3	0	0	2	3	2	1
21	2	2	1	4	5	0	0	2	2	3	1	1	2
22	2	2	2	2	2	3	3	3	2	1	2	2	2
23	1	2	0	2	2	2	2	0	1	2	0	3	1
24	0	1	5	6	2	2	1	2	0	2	3	4	2
25	3	4	0	1	4	3	3	6	2	2	4	0	3
26	4	2	3	2	3	2	1	1	1	3	5	2	2
27	2	2	0	4	0	2	1	4	2	2	3	2	2
28	1	3	6	2	3	0	0	2	4	1	1	0	2
29	3	0	0	3	4	0	2	0	2	0	1	5	2
30	0	4	0	***	3	0	2	0	2	3	4	0	2
31	3	3	0	5	3	7	2	2	5	0	1	2	3
MEAN	2	3	2	3	3	2	2	2	3	2	3	3	2.5

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29009 KENILWORTH HAMILTON													MONTH - FEB 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	4	1	8	3	5	3	2	2	0	2	4	3	3	
2	3	5	2	5	2	2	2	2	1	4	2	0	3	
3	0	3	***	***	***	***	***	***	***	***	***	***	***	
4	***	***	***	***	***	***	0	3	3	0	2	5	***	
5	5	2	5	10	3	4	0	2	5	1	6	5	4	
6	4	2	6	4	3	2	3	0	6	3	4	0	3	
7	7	4	5	3	0	6	3	3	2	2	2	2	3	
8	3	0	2	2	3	5	3	0	2	3	3	0	2	
9	5	4	3	2	3	6	1	3	0	2	2	2	3	
10	4	3	0	5	2	3	3	0	0	4	0	0	2	
11	5	2	3	2	3	3	2	5	2	2	2	3	3	
12	0	6	7	2	5	0	2	2	4	4	4	2	2	
13	2	0	3	3	4	2	2	0	4	2	2	3	2	
14	4	4	3	5	0	6	2	5	3	2	0	0	3	
15	6	6	5	3	3	0	3	5	0	0	1	7	3	
16	- DATA INVALID -													
17	- DATA INVALID -													
18	- DATA INVALID -													
19	***	***	***	***	***	3	6	5	2	5	11	7	***	
20	7	8	2	11	8	6	3	3	2	1	0	1	4	
21	2	3	3	5	2	2	3	2	0	0	2	1	2	
22	1	2	2	3	2	2	3	5	6	2	0	2	3	
23	0	3	2	0	2	3	7	7	1	2	2	2	3	
24	2	0	3	3	0	0	0	2	3	0	1	0	1	
25	0	3	0	1	4	3	1	1	2	2	2	0	2	
26	0	0	3	2	3	2	1	0	2	0	2	2	1	
27	0	2	1	2	1	2	2	2	2	0	0	2	1	
28	0	0	0	2	2	2	2	0	1	3	1	3	1	
29	5	3	1	5	3	2	0	0	0	2	0	0	2	
MEAN	3	3	3	4	3	3	2	3	2	2	2	2	2.5	

PERCENTAGE OF DATA VALID - 83.6

PERCENTAGE OF DATA INVALID - 16.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29009 KENILWORTH HAMILTON													MONTH - MAR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	1	1	2	3	2	1	2	0	0	3	2	
2	3	0	3	2	2	0	0	3	0	2	0	0	1	
3	3	2	0	2	***	1	0	1	2	1	0	0	1	
4	2	0	3	5	1	1	2	2	1	2	5	2	2	
5	2	2	3	4	5	7	13	2	3	2	0	0	4	
6	0	0	1	0	***	3	2	2	2	2	3	3	2	
7	1	1	0	0	0	2	3	0	3	5	2	2	2	
8	0	2	0	1	0	2	6	2	2	3	2	1	2	
9	3	0	0	1	2	1	2	0	0	1	0	2	1	
10	2	0	3	1	1	0	2	2	0	1	1	0	1	
11	2	0	0	0	***	0	0	0	3	0	1	1	1	
12	0	0	0	0	3	2	2	2	2	2	1	2	2	
13	1	1	0	2	0	0	2	5	3	4	1	0	2	
14	0	2	5	3	1	0	0	3	2	0	1	0	1	
15	0	3	1	2	0	0	2	3	8	2	0	6	2	
16	5	4	1	0	0	0	0	2	2	0	5	2	2	
17	2	4	2	2	2	5	1	3	0	1	2	0	2	
18	0	2	0	2	2	***	0	0	0	0	2	3	1	
19	0	0	0	1	7	2	2	2	5	3	2	3	2	
20	0	3	2	2	5	1	2	2	0	0	6	2	2	
21	3	3	0	7	3	2	3	0	3	2	2	0	2	
22	0	0	0	2	2	1	0	5	2	0	0	1	1	
23	0	0	0	0	1	2	0	0	0	2	0	3	1	
24	1	2	2	1	2	6	3	2	3	2	2	2	2	
25	2	0	2	2	2	1	2	2	2	0	0	1	1	
26	0	3	1	***	***	3	1	1	0	3	3	2	2	
27	3	2	3	11	3	2	3	1	2	2	2	0	3	
28	0	0	3	1	2	1	2	3	0	0	2	2	1	
29	1	3	0	0	3	3	3	2	0	2	2	2	2	
30	6	6	2	1	0	1	1	0	0	0	0	0	1	
31	0	2	0	***	***	2	2	5	4	4	6	3	3	
MEAN	1	2	1	2	2	2	2	2	2	2	2	2	1.7	

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29009 KENILWORTH HAMILTON

MONTH - APR 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	2	2	5	2	5	4	3	2	2	3	2	3
2	2	3	3	2	8	2	2	2	2	1	6	3	3
3	2	5	3	2	1	5	2	2	2	2	2	0	3
4	2	1	2	3	1	2	1	1	2	0	3	1	2
5	0	0	0	2	2	1	2	6	1	2	3	1	1
6	1	1	0	6	2	2	7	2	2	0	7	2	3
7	0	0	5	5	4	3	1	3	1	4	1	2	2
8	4	3	2	2	0	9	***	6	12	3	3	1	4
9	0	2	3	2	0	1	2	0	0	2	2	3	1
10	1	0	2	0	2	2	0	2	0	0	0	0	1
11	1	1	2	2	****	5	2	1	2	1	2	1	2
12	2	2	1	5	5	4	1	0	1	3	1	0	2
13	0	0	0	0	0	1	2	0	0	3	1	5	1
14	3	1	2	2	1	0	0	0	0	0	3	2	1
15	0	2	2	0	0	3	2	2	0	0	2	2	1
16	0	0	2	0	****	0	2	0	2	1	2	2	1
17	4	0	6	2	0	2	1	1	2	1	4	0	2
18	2	2	0	3	7	3	7	3	1	0	7	11	4
19	3	6	5	2	0	3	5	2	5	7	2	3	4
20	2	2	0	2	3	2	3	6	3	2	3	5	3
21	1	5	3	0	2	2	11	1	0	1	5	7	3
22	9	2	2	6	2	2	2	5	4	2	0	3	3
23	0	2	7	6	4	3	5	6	2	3	3	0	3
24	0	0	2	3	4	2	0	0	3	2	1	9	2
25	0	0	5	3	2	3	4	0	5	2	0	2	2
26	2	2	7	7	2	2	2	4	0	0	8	3	3
27	8	0	0	2	3	0	0	4	0	3	3	0	2
28	3	5	9	2	7	4	3	2	5	3	0	3	4
29	2	0	2	***	4	0	0	4	3	2	2	3	2
30	3	?	3	11	3	0	4	2	8	0	7	3	4
MEAN	2	2	3	3	3	3	3	2	2	2	3	3	2.4

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29009 KENILWORTH HAMILTON

MONTH - MAY 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	10	13	0	7	8	3	0	2	3	2	0	4
2	4	2	2	5	4	7	0	2	2	4	1	1	3
3	0	2	3	0	3	1	0	0	1	2	0	2	1
4	2	1	1	2	4	3	2	2	0	0	5	0	2
5	4	1	1	0	2	3	1	2	1	1	4	0	2
6	1	1	3	1	0	3	2	2	1	0	0	1	1
7	1	0	0	2	0	0	2	1	1	0	1	1	1
8	0	3	0	0	1	0	2	2	2	0	0	0	1
9	0	1	0	5	0	0	1	0	0	2	2	2	1
10	0	2	0	1	1	0	1	0	0	4	2	1	1
11	2	2	2	1	0	0	0	2	0	0	2	2	1
12	1	0	4	5	0	0	0	4	5	3	4	3	2
13	3	2	0	0	10	2	2	2	0	2	4	5	4
14	3	5	0	3	1	0	0	0	0	1	0	2	1
15	1	0	0	1	0	1	0	1	1	2	3	2	1
16	0	0	2	2	3	2	0	1	0	2	0	4	1
17	1	3	2	0	1	2	4	2	7	1	1	4	2
18	0	2	0	5	2	0	3	2	1	2	0	0	1
19	3	1	2	0	0	0	0	2	1	2	5	2	2
20	2	0	4	3	3	3	4	2	5	7	4	7	4
21	2	5	2	4	2	2	0	2	4	0	3	2	2
22	0	3	1	3	***	0	0	0	8	3	3	3	2
23	1	2	3	5	2	2	2	2	8	3	6	3	3
24	2	6	2	2	3	4	3	1	5	3	0	9	3
25	7	8	4	1	0	2	0	0	0	1	0	1	2
26	0	2	0	2	1	0	2	1	3	1	1	1	1
27	0	0	0	2	4	1	2	4	0	2	2	0	1
28	6	2	1	2	1	7	1	0	0	4	3	2	2
29	3	3	0	0	1	0	4	2	2	1	1	3	2
30	4	4	2	2	3	5	5	0	0	5	0	0	3
31	1	2	0	3	2	2	0	3	1	0	0	0	1
MEAN	2	2	2	2	2	2	1	1	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29009 KENILWORTH HAMILTON													MONTH - JUN 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	2	0	5	0	0	0	1	0	2	1	
2	1	5	3	4	2	8	11	3	2	0	2	2	3	
3	2	1	5	3	2	6	2	2	1	2	1	1	2	
4	0	0	1	2	0	1	1	1	2	0	2	2	1	
5	2	0	5	5	2	0	2	1	2	0	2	3	2	
6	0	1	2	4	5	0	6	4	0	3	0	5	1	
7	0	0	2	2	0	1	0	2	0	0	2	0	1	
8	2	2	0	0	2	0	3	0	0	1	1	0	1	
9	3	0	0	1	0	0	0	0	0	0	0	1	1	
10	1	1	0	0	1	0	2	0	2	0	0	1	1	
11	2	1		***	2	0	2	1	2	2	2	4	2	
12	5	0	3	0	3	0	0	1	0	2	0	7	2	
13	0	2	2	3	3	0	3	0	0	3	5	5	2	
14	5	2	3	2	2	2	7	5	1	2	3	2	3	
15	3	5	0	0	0	3	2	3	2	2	0	0	2	
16	3	2	0	2	***	0	3	2	1	5	3	0	2	
17	3	2	3	2	5	3	1	3	5	2	3	2	3	
18	0	3	0	2	0	3	7	2	3	2	7	2	3	
19	2	1	5	5	7	5	2	3	2	4	2	2	3	
20	0	3	0	3	2	2	0	2	3	2	2	2	2	
21	2	0	1	2	1	0	1	0	0	1	4	0	1	
22	4	5	3	2	0	0	2	0	0	2	0	2	2	
23	2	3	4	3	4	3	2	2	2	2	5	3	3	
24	3	3	5	3	9	11	7	3	2	2	2	3	4	
25	3	4	1	5	3	2	3	2	3	0	2	0	2	
26	2	2	0	9	3	2	5	5	3	3	5	2	3	
27	2	2	7	3	3	9	4	3	2	2	3	3	4	
28	2	0	0	0	0	3	2	0	0	0	2	0	1	
29	2	0	2	2	2	0	2	2	0	2	3	2	2	
30	2	2	0	2	0	0	0	2	0	3	0	2	2	
MEAN	2	2	2	3	2	2	3	2	1	2	2	2	2.1	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29009 KENILWORTH HAMILTON													MONTH - JUL 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	2	1	0	2	0	2	0	5	3	0	1	
2	2	2	2	3	3	5	2	2	2	3	3	2	3	
3	4	3	3	0	3	2	2	9	5	2	2	2	3	
4	2	3	2	0	***	2	4	4	0	0	1	1	2	
5	0	3	2	0	2	0	0	2	0	0	0	0	1	
6	1	0	0	3	2	0	0	2	2	0	2	3	1	
7	0	0	0	1	1	0	0	0	0	2	1	4	1	
8	2	2	0	1	0	0	2	2	2	0	2	2	1	
9	0	0	0	3	4	3	2	0	3	2	1	1	2	
10	2	2	2	5	4	4	0	2	2	0	0	2	2	
11	0	0	2	1	0	2	2	2	1	0	3	3	1	
12	3	1	2	2	2	2	1	5	0	0	1	0	2	
13	3	1	0	0	0	0	0	4	1	0	1	0	1	
14	3	2	0	2	0	0	0	1	0	0	4	2	1	
15	0	0	1	2	***	4	0	0	0	2	0	2	1	
16	0	1	2	0	0	0	2	2	0	0	1	4	1	
17	0	0	0	0	2	2	0	0	0	0	3	2	1	
18	2	2	1	4	0	2	2	4	2	0	0	0	2	
19	2	1	0	1	0	0	0	0	1	3	1	2	1	
20	2	1	0	0	0	2	2	1	0	2	1	2	1	
21	2	2	0	2	2	0	2	0	0	2	0	3	1	
22	2	2	0	0	3	0	2	1	0	0	0	3	1	
23	2	2	0	2	2	0	0	1	0	3	5	0	1	
24	0	0	0	2	0	1	0	0	0	2	0	0	1	
25	0	1	0	0	2	0	1	2	0	0	2	0	1	
26	1	0	4	2	0	3	1	2	2	1	1	2	1	
27	0	1	2	0	***	0	2	1	2	0	1	0	3	
28	2	0	6	3	2	5	7	0	0	5	1	3	2	
29	1	4	0	2	2	2	0	4	0	0	2	3	2	
30	1	0	4	1	0	4	2	0	4	0	0	0	2	
31	4	0	2	0	0	0	4	1	1	4	5	0	2	
MEAN	1	1	1	1	1	2	1	2	1	1	2	2	1.4	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29009 KENILWORTH HAMILTON													MONTH - AUG 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	4	6	4	5	2	0	3	0	8	4	7	4	4
2	0	2	1	1	1	1	4	0	0	0	2	1	1	1
3	3	2	0	1	0	2	1	3	0	1	4	0	1	1
4	2	1	4	4	0	1	0	1	3	0	2	0	2	2
5	1	4	3	2	8	1	1	1	0	3	0	2	2	2
6	2	0	2	2	2	3	5	0	0	3	1	2	2	2
7	2	0	1	4	0	4	2	4	1	2	0	6	2	2
8	6	2	0	1	0	0	4	0	2	4	0	1	1	1
9	0	0	0	2	0	1	0	0	2	4	1	2	2	2
10	0	0	0	2	5	4	2	1	0	5	0	4	2	2
11	0	1	4	4	2	5	0	2	0	0	2	2	2	2
12	0	1	1	0	2	1	2	1	1	1	2	1	1	1
13	3	1	1	1	2	0	0	4	2	2	0	1	1	1
14	1	2	2	2	0	2	0	0	2	0	2	2	1	1
15	0	2	***	1	0	2	0	0	0	1	2	0	1	1
16	3	1	2	1	0	3	0	2	2	2	0	0	2	2
17	1	2	2	2	0	0	1	2	1	2	2	0	2	2
18	3	2	2	4	0	1	2	0	0	1	4	1	1	1
19	2	0	2	0	0	1	4	2	0	2	0	4	2	2
20	0	2	2	4	8	1	2	2	0	2	0	4	2	2
21	1	0	0	4	6	0	2	1	2	1	2	2	2	2
22	4	2	2	2	1	2	3	1	1	4	2	2	2	2
23	7	3	0	2	2	6	0	2	0	2	2	0	2	2
24	3	2	0	3	0	0	1	0	0	0	3	4	1	1
25	0	4	2	4	3	1	2	1	1	1	0	1	2	2
26	1	0	4	2	6	1	3	0	1	1	2	2	2	2
27	3	1	1	2	0	6	2	0	1	2	0	0	2	2
28	2	0	5	4	0	5	1	0	0	0	0	2	2	2
29	0	0	1	2	4	0	2	2	2	1	3	4	2	2
30	2	2	0	4	0	2	5	1	2	2	1	0	2	2
31	0	3	4	1	4	0	3	0	1	0	1	0	1	1
MEAN	2	1	2	2	2	2	2	1	1	2	1	2	1.6	

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.3

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29009 KENILWORTH HAMILTON													MONTH - SEP 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	2	0	0	0	2	0	0	2	0	1	1	1
2	0	0	0	4	2	0	2	1	1	0	0	2	1	1
3	0	1	1	2	2	1	2	0	1	0	3	2	1	1
4	0	2	2	2	2	2	0	1	0	0	2	0	1	1
5	3	1	0	2	2	2	2	2	1	0	0	2	2	2
6	1	4	3	0	0	0	0	2	0	2	0	2	1	1
7	2	1	1	0	0	2	2	1	0	0	0	2	1	1
8	0	1	2	2	***	3	3	3	0	0	0	0	1	1
9	0	2	0	4	3	5	2	0	0	0	0	0	1	1
10	0	0	2	1	1	2	2	2	0	0	1	0	1	1
11	0	2	0	1	0	0	0	2	0	2	3	2	1	1
12	2	2	2	0	0	0	0	2	2	0	2	0	1	1
13	0	0	0	0	2	0	3	1	0	9	2	3	2	2
14	2	3	0	0	0	0	0	1	0	0	0	2	1	1
15	1	0	0	2	2	0	0	1	2	2	0	0	1	1
16	2	2	0	2	2	0	0	2	2	4	5	0	2	2
17	3	0	2	4	0	0	0	5	0	0	0	2	1	1
18	0	4	3	0	1	2	0	2	2	0	1	2	1	1
19	3	3	0	0	4	1	3	0	3	2	4	7	3	3
20	5	2	8	2	0	1	1	1	1	0	1	1	2	2
21	0	0	2	2	2	1	0	2	1	7	0	4	2	2
22	0	0	3	0	2	3	1	2	2	0	1	0	1	1
23	0	2	0	2	1	0	0	0	2	0	0	3	1	1
24	2	0	4	7	0	2	2	2	2	0	0	1	2	2
25	2	3	0	4	9	15	8	9	3	5	2	0	5	5
26	2	1	1	0	2	2	0	2	2	0	1	0	1	1
27	0	2	0	2	3	1	0	0	0	0	2	2	1	1
28	3	2	3	3	2	3	1	0	1	0	3	3	2	2
29	0	2	3	11	4	3	2	2	0	5	7	0	3	3
30	0	0	2	2	1	3	0	3	3	0	2	1	1	1
MEAN	1	1	2	2	2	2	1	2	1	1	2	2	1.5	

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 29009 KENILWORTH HAMILTON													MONTH - OCT 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	3	4	1	2	2	3	0	2	0	2	2	
2	0	2	1	0	2	1	0	0	0	1	2	2	1	
3	0	2	1	5	***	0	5	0	2	0	2	2	2	
4	0	0	1	0	4	2	1	5	0	0	2	0	1	
5	2	1	3	2	0	0	0	2	0	6	0	3	2	
6	0	0	2	6	3	2	1	0	0	0	2	2	2	
7	0	0	4	7	1	0	6	0	1	2	3	2	2	
8	2	0	2	3	1	6	3	2	1	3	3	2	3	
9	2	4	4	10	1	8	1	3	1	3	4	4	5	
10	0	0	7	14	6	8	1	3	1	11				
11	2	1	1	3	0	1	0	4	2	2	0	0	1	
12	0	2	0	0	0	0	1	3	2	0	4	0	1	
13	0	1	0	2	2	0	0	2	2	4	4	0		
14	0	0	0	6	2	0	0	1	2	2	3	4	2	
15	3	0	5	2	2	2	1	8	2	6	4	2	3	
16	3	3	2	2	5	6	5	2	3	3	0	4	3	
17	2	1	1	7	5	8	4	2	4	2	0	2	3	
18	2	2	2	2	2	0	2	0	0	2	0	0	1	
19	2	0	0	0	0	0	1	0	0	0	0	1	0	
20	2	3	2	3	***	1	4	1	2	1	2	3	2	
21	2	1	0	2	2	0	0	0	2	0	2	0	1	
22	0	1	5	1	2	0	3	2	2	0	2	6	2	
23	0	2	0	7	0	1	2	2	2	0	4	2	4	
24	2	2	3	4	5	3	1	2	1	10	13	0	1	
25	1	2	4	0	0	2	0	2	0	2	0	0	1	
26	2	1	0	1	1	2	1	3	0	3	2	2	1	
27	1	0	0	2	3	0	2	2	2	0	0	1	2	
28	0	0	2	7	8	0	0	0	1	0	2	2	1	
29	1	0	3	2	0	1	0	2	1	4	0	0	2	
30	4	0	0	0	1	6	0	2	1					
31	0	3	1	2	0	2	0	0	3	2	1	2	1	
MEAN	1	1	2	4	2	2	2	2	1	2	2	2	1.9	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 29009 KENILWORTH HAMILTON													MONTH - NOV 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	4	0	2	0	0	2	3	1	1	2	5	0	2	
2	1	2	1	2	0	0	1	3	1	11	0	2	2	
3	0	4	0	4	6	1	5	2	0	7	2	3	3	
4	0	2	2	1	2	0	1	1	0	0	0	0	1	
5	1	1	0	5	2	0	3	5	2	0	0	2	2	
6	4	0	0	0	2	1	0	3	0	5	3	2	2	
7	0	2	0	0	2	0	4	0	3	5	2	0	2	
8	0	2	0	2	0	0	3	2	0	5	0	2	1	
9	3	2	2	5	3	0	0	4	0	3	0	0	2	
10	0	0	0	2	4	0	3	0	4	0	0	0	1	
11	0	0	2	1	0	0	0	2	0	3	0	2	1	
12	2	2	3	0	2	0	0	0	2	2	2	2	1	
13	2	3	2	2	3	5	0	3	2	5	2	3	2	
14	3	5	0	2	0	0	0	3	2	0	0	0	1	
15	3	0	3	0	5	4	0	0	2	0	0	0	1	
16	0	0	0	2	2	0	0	0	2	2	0	2	3	
17	3	2	2	7	4	3	1	3	3	0	0	0	2	
18	0	3	2	3	9	3	3	0	0	0	0	0	1	
19	0	0	0	0	0	0	2	0	3	0	2	2	1	
20	0	7	0	0	0	0	0	0	0	2	0	5	1	
21	2	0	0	0	2	0	0	0	0	0	0	0	0	
22	0	0	0	2	0	0	0	0	0	0	0	0	0	
23	5	0	0	0	0	0	0	0	0	0	3	0	1	
24	0	2	0	0	0	0	0	0	2	0	0	0	0	
25	0	0	0	2	***	-	-	-	-	-	-	-	*****	
26														
27														
28														
29														
30														
31														
MEAN	1	1	1	2	2	1	1	1	1	2	1	1	1.4	

PERCENTAGE OF DATA VALID - 81.1

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 18.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

HOUR DAY	STATION - WC NO 29009 KENILWORTH HAMILTON												MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1													
2													
3													
4													
5													
6	5	7	3	1	2	2	7	2	3	5	0	5	4
7	2	3	3	3	3	7	7	5	5	5	3	0	4
8	2	3	0	3	2	0	2	3	0	0	0	0	1
9	0	0	0	5	3	2	1	0	4	0	3	0	2
10	0	2	0	0	0	2	2	2	2	0	3	0	1
11	0	2	0	2	2	0	0	0	2	0	3	0	1
12	3	0	0	5	2	5	3	2	0	5	7	0	3
13	0	5	0	0	3	5	2	0	0	9	1	1	2
14	0	3	0	2	2	2	0	5	3	3	2	2	2
15	0	0	0	3	0	5	0	0	12	9	9	3	3
16	3	2	7	7	5	5	5	3	5	0	0	2	4
17	0	5	1	2	0	3	1	3	2	0	0	3	2
18	2	0	2	0	0	0	0	0	0	3	0	0	1
19	0	0	0	0	0	0	0	0	0	2	7	0	1
20	2	1	0	0	2	0	0	2	0	0	0	2	1
21	0	0	0	3	2	1	2	1	3	0	2	0	1
22	2	0	0	9	5	2	0	0	4	3	4	2	3
23	3	7	2	5	9	5	2	0	2	2	0	5	4
24	2	2	4	3	2	0	2	3	0	0	2	0	2
25	0	4	0	0	0	2	0	0	2	0	2	0	1
26	0	0	0	0	2	2	0	1	0	2	2	5	1
27	0	9	2	15	5	3	0	5	3	9	13	9	6
28	3	3	13	5	0	0	1	2	7	2	2	2	3
29	2	0	13	12	9	7	9	2	7	3	5	0	6
30	2	0	0	0	9	0	0	5	5	0	0	7	2
31	0	5	1	1	2	2	0	2	0	0	3	0	1
MEAN	1	2	2	3	2	2	2	2	3	2	3	2	2.3

PERCENTAGE OF DATA VALID - 84.1

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 15.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1990

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29009

KENILWORTH HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.5	4	12
FEB	23	2.5	4	11
MAR	31	1.7	4	13
APR	30	2.4	4	12
MAY	31	1.9	4	13
JUN	30	2.1	4	11
JUL	31	1.4	3	9
AUG	31	1.6	4	8
SEP	30	1.5	5	15
OCT	31	1.9	5	14
NOV	24	1.4	4	11
DEC	26	2.3	6	15
YEAR	349	1.9	6	15

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29009 KENILWORTH HAMILTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	314	53	2	0	0	0	0	369
FEB	240	49	2	0	0	0	0	291
MAR	338	24	2	0	0	0	0	364
APR	293	54	4	0	0	0	0	351
MAY	337	33	1	0	0	0	0	371
JUN	315	41	1	0	0	0	0	357
JUL	357	12	0	0	0	0	0	369
AUG	350	20	0	0	0	0	0	370
SEP	342	15	2	0	0	0	0	359
OCT	333	34	3	0	0	0	0	370
NOV	269	22	1	0	0	0	0	292
DEC	253	54	6	0	0	0	0	313
YEAR	3748	411	24	0	0	0	0	4181

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	96	99	MAX	ARITH MEAN
95.2	0	0.0	0.0	1.2	1.9	4.1	5.3	7.1	8.6	15	1.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29011 BURLINGTON/LEEDS HAMILTON

MONTH - JUL 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16	****	****	****	****	****	****	****	0	9	0	2	0	*****
17	2	3	4	2	3	0	3	3	0	2	2	0	2
18	3	0	3	0	7	5	9	5	9	0	3	2	4
19	0	0	2	2	0	0	0	2	0	0	0	5	1
20	3	0	0	0	2	4	1	7	2	3	3	3	2
21	7	0	0	2	3	2	2	0	0	0	2	2	2
22	0	6	3	5	2	3	2	0	0	5	2	5	3
23	0	0	3	5	0	0	4	3	0	3	2	7	2
24	2	2	3	4	3	2	0	3	0	3	3	0	2
25	0	2	7	3	7	0	0	0	2	2	2	3	4
26	7	3	2	3	0	9	2	3	3	2	5	5	5
27	2	7	5	3	5	7	4	3	12	5	7	5	5
28	3	2	9	13	0	****	0	0	0	5	0	4	3
29	5	3	3	9	2	5	5	2	3	0	0	3	3
30	2	7	2	3	7	0	5	0	5	0	5	2	3
31	7	5	3	5	2	2	0	4	13	9	5	7	5
MEAN	3	3	3	4	3	3	2	2	4	2	3	3	2.9

PERCENTAGE OF DATA VALID - 49.5

PERCENTAGE OF DATA INVALID - 4.0

PERCENTAGE OF DATA UNAVAILABLE - 46.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COMS/1000 FT						
STATION - WC NO 29011			BURLINGTON/LEEDS HAMILTON				MONTH - AUG 80						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	12	3	9	5	9	0	5	0	7	2	2	3
2	3	7	7	3	2	2	4	0	2	0	3	2	3
3	2	2	0	3	0	0	2	2	0	5	0	3	2
4	5	0	5	5	5	2	3	3	7	3	5	3	4
5	3	5	5	5	9	1	0	0	0	7	0	2	3
6	2	3	0	2	3	0	4	2	0	0	2	0	2
7	4	0	2	0	2	0	3	3	0	5	5	5	2
8	0	3	3	7	0	4	2	3	2	5	0	2	3
9	2	1	3	0	2	4	0	2	2	6	0	1	2
10	2	2	0	2	4	3	6	2	3	1	4	6	3
11	0	2	2	2	2	5	4	7	6	8	5	3	4
12	1	0	7	5	0	3	3	0	3	0	1	3	2
13	3	4	2	3	3	2	3	2	1	1	3	0	2
14	0	2	1	6	0	1	3	0	6	2	1	0	2
15	0	0	----	----	----	----	----	2	0	0	2	0	-----
16	3	2	2	3	3	3	2	2	0	5	5	7	3
17	2	3	2	0	9	1	3	2	3	1	0	3	2
18	0	4	0	0	1	1	2	5	3	2	0	1	2
19	9	0	2	2	2	1	3	2	1	0	2	4	2
20	0	3	3	11	7	11	7	7	3	1	2	7	5
21	2	3	1	5	5	2	5	3	1	3	3	3	3
22	2	2	2	2	0	0	2	2	2	3	1	3	2
23	2	0	0	3	1	0	2	0	2	3	2	2	2
24	0	2	0	3	2	1	0	0	2	5	2	2	2
25	2	2	4	2	4	2	0	3	3	0	3	0	2
26	0	5	1	3	1	2	0	0	0	0	2	0	1
27	2	2	3	5	1	5	0	0	0	0	5	2	2
28	0	0	2	3	3	2	----	2	3	2	0	1	2
29	0	0	2	7	3	2	2	2	0	0	1	3	2
30	2	3	0	3	2	1	1	0	3	2	0	1	2
31	2	0	0	2	2	0	0	3	0	1	1	1	1
MEAN	2	2	2	4	3	2	2	2	2	2	2	2	2.3

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 1.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "-----" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "----" INDICATES DATA IS UNAVAILABLE

3. "-----" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COMS/1000 FT						
STATION - WC NO 29011			BURLINGTON/LEEDS HAMILTON				MONTH - SEP 80						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	1	2	0	3	0	2	1	0	0	0	
2	0	2	2	3	1	0	2	3	2	2	0	0	1
3	2	0	0	3	1	0	2	0	0	1	0	7	1
4	3	2	3	9	2	7	4	0	2	0	0	0	3
5	0	0	0	0	0	5	0	0	3	2	2	0	1
6	2	----	----	----	----	----	----	----	----	----	----	----	-----
7							DATA INVALID -						
8							DATA INVALID -						
9	----	----	----	----	----	----	1	0	1	0	0	4	-----
10	2	2	2	1	2	0	0	2	0	2	0	0	1
11	2	0	2	2	3	2	0	3	3	0	1	2	2
12	2	0	2	0	3	0	0	2	0	4	0	0	1
13	5	1	7	0	0	0	0	4	4	4	4	5	2
14	3	1	4	2	0	0	1	1	2	0	0	0	1
15	6	1	2	3	2	2	3	2	0	1	1	5	2
16	0	0	2	3	0	0	0	2	4	2	3	0	2
17	0	0	1	0	0	0	1	0	0	2	2	1	1
18	2	3	0	0	2	0	1	2	1	1	3	2	1
19	0	2	2	2	1	3	1	2	4	2	1	5	2
20	4	5	6	6	0	0	2	0	1	3	0	0	2
21	2	3	5	2	3	7	0	1	1	0	0	4	2
22	0	0	1	0	0	0	5	1	0	0	1	0	1
23	0	2	0	2	4	1	5	4	5	2	3	0	2
24	3	0	8	7	0	5	4	7	0	3	2	1	3
25	4	2	2	5	10	10	9	5	3	0	3	0	4
26	3	1	6	0	2	4	3	3	2	2	0	0	2
27	0	2	0	4	1	1	0	0	0	0	0	1	1
28	0	0	2	0	0	2	2	0	0	2	2	3	1
29	3	2	0	2	2	3	3	4	3	8	10	9	4
30	4	5	1	4	2	0	1	0	0	2	0	0	2
MEAN	2	1	2	2	2	2	2	2	1	2	1	2	1.8

PERCENTAGE OF DATA VALID - 98.6

PERCENTAGE OF DATA INVALID - 1.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "-----" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "----" INDICATES DATA IS UNAVAILABLE

3. "-----" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 29011 BURLINGTON/LEEDS HAMILTON													MONTH - OCT 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	4	2	2	3	0	1	0	3	1	4	2	2	2
2	0	2	1	0	0	1	0	0	0	2	3	5	2	2
3	4	3	2	8	7	2	0	0	0	0	0	0	0	0
4														
5														
6														
7														
8														
9	7	2	1	7	6	0	9	4	0	4	3	7	4	4
10	3	2	16	8	6	3	5	9	4	4	8	7	6	6
11	7	0	2	0	2	4	5	2	6	6	2	0	3	3
12	9	3	2	7	0	0	2	0	0	0	2	0	2	2
13	0	2	2	2	0	0	2	2	1	2	3	0	3	3
14	2	2	6	10	3	3	2	2	2	5	0	2	4	4
15	6	4	3	5	4	6	2	6	4	2	2	5	6	6
16	7	3	6	9	2	11	4	9	5	2	12	3	5	5
17	6	2	8	7	7	12	4	3	4	2	1	0	0	0
18														
19	0	0	0	2	4	2	0	0	1	0	0	4	1	1
20	2	0	2	0	2	3	3	2	0	0	0	3	0	0
21	0	7	9	4	2	3	2	1	1	0	2	2	3	3
22	2	1	3	4	2	2	0	0	0	1	4	5	2	2
23	2	2	2	2	2	2	2	3	3	4	7	3	3	3
24	0	2	4	9	4	3	1	2	6	5	5	5	4	4
25	0	0	4	13	3	4	6	3	2	9	9	2	5	5
26	3	3	2	0	4	4	3	0	2	0	6	2	3	3
27	2	1	0	2	0	2	3	0	4	2	2	2	2	2
28	2	0	1	0	5	1	3	1	5	2	2	2	2	2
29	5	0	4	2	3	2	0	3	2	0	1	0	2	2
30	2	0	2	2	3	2	0	0	3	3	3	2	2	2
31	2	2	1	5	4	2	2	2	5	2	2	2	2	2
MEAN	3	2	3	4	3	3	2	2	3	2	3	3	2.9	2.9

PERCENTAGE OF DATA VALID - 80.6

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 19.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. --- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 29011 BURLINGTON/LEEDS HAMILTON													MONTH - NOV 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	0	0	0	4	0	0	7	2	2	3	1	2	2
2	3	3	0	0	2	0	4	3	2	0	2	2	2	2
3	2	1	2	0	0	2	0	2	0	0	3	5	1	1
4	3	2	1	2	5	0	2	5	1	5	2	3	3	3
5	0	3	0	0	2	0	2	2	2	2	2	2	1	1
6	3	4	2	4	2	0	0	4	0	0	10	2	3	3
7	1	2	2	5	3	5	2	4	4	7	2	2	3	3
8	0	6	0	2	0	2	2	3	0	2	3	2	2	2
9	0	3	2	13	1	3	4	0	4	4	0	4	2	2
10	0	3	2	2	2	7	4	3	2	0	1	2	2	2
11	1	2	0	1	1	2	2	1	4	0	0	1	1	1
12	0	0	2	3	4	0	4	5	8	2	1	7	2	2
13	1	0	5	2	4	1	2	3	2	4	5	4	4	4
14	8	3	3	0	0	2	2	7	3	3	0	0	3	3
15	0	0	1	0	0	0	1	2	1	2	3	7	2	2
16	0	0	6	2	2	4	5	10	6	2	4	2	4	4
17	2	2	0	7	7	3	6	4	2	4	2	1	3	3
18	2	6	2	4	2	2	2	4	2	0	2	2	2	2
19	1	2	0	4	0	2	2	4	1	4	2	9	4	4
20	2	5	6	2	2	6	7	2	1	4	2	2	2	2
21	1	1	2	3	0	0	0	0	0	0	0	0	0	0
22														
23														
24														
25														
26														
27														
28														
29														
30														
MEAN	1	2	2	3	2	2	3	4	4	2	2	4	2.4	2.4

PERCENTAGE OF DATA VALID - 68.1

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 31.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. --- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - WC NO 29011 BURLINGTON/LEEDS HAMILTON													MONTH - DEC 60
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8					****	2	3	2	0	0	5	0	*****
9	0	2	7	7	5	0	9	7	5	5	2	0	4
10	0	0	7	3	4	5	0	0	3	5	0	2	2
11	2	5	7	7	3	9	0	2	3	1	0	0	3
12	2	4	5	5	0	5	5	7	7	4	4	5	4
13	0	0	4	1	0	4	2	0	0	5	2	2	2
14	0	2	0	9	4	0	2	0	4	3	0	0	2
15	2	2	0	3	4	7	0	5	9	12	7	5	5
16	2	7	2	5	7	3	0	2	7	9	0	0	4
17	4	9	7	0	3	3	0	0	0	4	0	2	3
18	5	2	0	3	5	4	3	0	0	4	4	2	3
19	3	5	0	0	0	7	2	3	2	3	2	3	3
20	0	2	0	4	7	2	3	2	2	7	3	5	3
21	3	5	0	4	2	0	0	7	3	5	5	5	3
22	0	3	5	2	4	3	3	3	7	2	9	4	4
23	5	3	5	9	5	7	9	0	5	0	3	5	5
24	5	2	2	3	4	9	3	4	3	5	2	3	4
25	2	3	2	3	7	0	3	0	0	2	2	2	2
26	0	0	0	5	0	3	3	0	0	5	4	4	2
27	3	4	0	9	5	5	3	5	5	3	7	9	5
28	7	2	4	9	7	2	4	3	2	7	5	5	5
29	4	3	5	12	7	5	9	5	3	7	2	5	6
30	5	3	5	2	5	3	***	7	9	5	7	9	5
31	7	1	7	12	5	2	9	0	5	0	2	0	4
MEAN	3	3	3	5	4	4	3	3	4	4	3	4	3.5

PERCENTAGE OF DATA VALID - 75.8

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 23.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29011 BURLINGTON/LEEDS HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN			DATA UNAVAILABLE	
FEB			DATA UNAVAILABLE	
MAR			DATA UNAVAILABLE	
APR			DATA UNAVAILABLE	
MAY			DATA UNAVAILABLE	
JUN			DATA UNAVAILABLE	
JUL	15	2.5	5	13
AUG	30	2.3	5	12
SEP	26	1.8	4	10
OCT	24	2.9	6	16
NOV	20	2.4	4	13
DEC	23	3.5	6	12
YEAR	138	2.6	6	16

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 CGMS/1000 FT

STATION - WC NO 29011 BURLINGTON/LEEDS HAMILTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 SOVER	TOTAL
JAN	DATA UNAVAILABLE							
FEB	DATA UNAVAILABLE							
MAR	DATA UNAVAILABLE							
APR	DATA UNAVAILABLE							
MAY	DATA UNAVAILABLE							
JUN	DATA UNAVAILABLE							
JUL	136	45	3	0	0	0	0	184
AUG	308	55	3	0	0	0	0	368
SEP	287	32	0	0	0	0	0	319
OCT	238	57	4	1	0	0	0	300
NOV	210	33	2	0	0	0	0	245
DEC	179	100	3	0	0	0	0	232
YEAR	1358	322	15	1	0	0	0	1696

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
76.8	0	0.0	0.5	1.7	2.8	5.7	6.9	8.7	9.8	16	2.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 CGMS/1000 FT

STATION - WC NO 29012 BURLINGTON/WELLINGTON HAMILTON

MONTH - JAN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8	3	0	0	2	2	2	0	2	7	2	1	1	2
9	2	0	2	0	0	0	3	2	1	2	2	3	1
10	0	2	0	9	2	7	6	2	2	6	2	7	4
11	6	3	1	3	8	5	2	2	2	0	0	1	3
12	2	2	2	2	5	1	2	2	2	2	0	3	2
13	0	0	2	2	2	4	2	2	2	2	2	4	2
14	2	0	2	3	2	3	1	0	6	5	2	4	3
15	2	1	2	3	4	4	2	7	2	4	8	6	4
16	5	3	9	6	10	9	5	2	0	2	2	9	5
17	6	10	5	2	10	8	4	2	1	3	3	0	1
18	2	0	0	0	0	2	2	0	2	0	3	2	1
19	2	0	0	2	0	0	0	2	1	3	2	2	1
20	0	1	0	0	2	0	0	0	0	0	2	0	0
21	1	3	0	1	7	2	4	2	3	1	2	3	2
22	2	0	1	4	2	2	1	2	0	2	2	2	2
23	0	0	0	1	0	3	0	1	0	3	0	2	1
24	0	3	1	2	2	0	3	4	1	1	2	3	2
25	3	9	2	7	3	5	2	1	7	2	5	3	4
26	2	0	1	3	4	2	0	0	0	2	0	0	1
27	2	1	2	2	5	1	2	0	2	0	0	0	1
28	0	2	2	1	1	0	2	0	2	0	0	3	1
29	0	2	2	2	4	1	0	0	2	0	0	0	1
30	2	3	1	1	0	0	1	1	2	3	0	0	1
31	0	0	3	2	0	0	1	2	0	0	0	3	1
MEAN	2	2	2	3	3	3	2	2	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 78.5

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 20.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 29012 BURLINGTON/WELLINGTON HAMILTON													MONTH - FEB 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	0	0	1	0	2	0	0	2	0	3	2	1	
2	2	2	2	1	0	0	0	2	0	0	2	3	1	
3	3	0	1	2	1	0	2	0	2	2	0	0	1	
4	2	4	1	4	5	0	1	1	0	0	3	1	2	
5	0	0	2	6	5	3	2	0	0	0	2	2	2	
6	0	2	1	0	2	2	5	2	1	0	5	2	2	
7	0	3	5	1	2	0	0	3	1	2	2	4	1	
8	0	2	3	2	0	0	0	0	2	0	5	1	1	
9	1	0	3	2	0	0	2	2	1	0	3	2	1	
10	2	2	0	1	5	1	0	3	0	2	2	2	2	
11	0	1	3	2	2	2	2	1	2	3	1	3	2	
12	0	2	2	4	5	2	2	2	0	0	2	3	2	
13	0	5	2	2	5	2	2	0	0	2	2	2	2	
14	5	2	2	3	3	3	2	0	0	0	2	0	2	
15	2	0	2	3	2	2	0	6	2	0	6	2	2	
16	0	0	4	2	0	0	3	2	3	0	0	1	1	
17	2	0	0	0	0	0	2	0	3	0	2	0	1	
18	5	5	3	1	3	1	2	2	2	0	0	3	2	
19	1	2	2	3	6	----	3	5	4	2	3	2	3	
20	3	5	2	1	3	6	8	11	3	1	2	3	4	
21	3	7	4	2	3	1	2	3	1	3	0	3	3	
22	1	5	2	4	2	2	1	2	3	3	2	1	2	
23	2	2	0	0	0	0	0	0	0	1	0	5	1	
24	2	2	0	0	2	2	0	0	0	0	0	3	1	
25	0	2	0	2	2	0	0	2	0	1	0	0	1	
26	0	0	2	0	0	0	0	3	1	2	0	0	1	
27	2	0	0	2	0	1	0	0	0	0	0	2	1	
28	0	0	0	0	0	2	0	0	0	0	0	0	0	
29	0	0	0	2	0	0	0	0	2	0	0	2	1	
MEAN	1	2	2	2	2	1	1	2	1	1	2	2	1.6	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 29012 BURLINGTON/WELLINGTON HAMILTON													MONTH - MAR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	5	2	1	2	0	2	0	0	0	0	1	
2	0	4	1	0	0	2	1	1	2	0	0	0	1	
3	0	0	0	3	1	----	0	0	0	0	2	1	1	
4	0	0	1	1	1	2	0	2	0	0	2	3	1	
5	1	0	1	5	3	4	2	2	0	0	0	0	2	
6	1	3	1	1	----	0	1	2	0	0	3	0	1	
7	2	0	5	2	1	0	3	2	1	0	2	0	2	
8	0	1	2	2	2	1	2	0	3	1	0	4	1	
9	1	0	1	2	1	2	2	0	0	0	0	0	1	
10	1	0	2	2	1	0	2	0	2	0	0	0	1	
11	0	0	0	0	0	----	1	1	2	0	1	1	1	
12	0	0	0	2	2	1	2	0	3	1	2	1	1	
13	0	2	2	0	3	1	2	3	6	7	2	3	3	
14	2	4	1	1	0	2	3	2	9	2	0	1	2	
15	0	0	0	1	0	0	1	1	0	3	2	2	1	
16	2	0	3	7	2	2	3	2	2	1	0	2	2	
17	1	4	3	7	1	1	3	0	0	2	0	0	2	
18	0	1	0	0	----	----	3	1	0	2	3	1	1	
19	0	0	0	0	0	0	1	0	1	3	0	0	0	
20	4	1	0	7	2	5	2	7	2	0	2	5	3	
21	2	0	0	2	1	2	1	0	0	1	0	0	1	
22	0	1	0	0	2	2	0	0	0	2	0	0	1	
23	0	2	0	0	0	2	2	1	1	5	1	2	1	
24	2	1	0	0	0	0	2	2	4	2	3	1	1	
25	0	0	0	0	2	1	0	2	2	0	0	2	1	
26	0	0	3	0	1	0	0	2	0	2	1	0	1	
27	0	7	2	3	2	4	13	5	2	1	2	5	4	
28	6	1	0	0	0	3	1	3	3	2	6	3	2	
29	11	4	2	2	4	12	5	1	0	14	2	5	5	
30	0	0	0	1	13	15	18	25	5	2	5	2	7	
31	2	2	11	17	11	----	----	38	15	33	25	41	20	
MEAN	1	1	1	2	2	2	2	4	2	2	3	3	2.2	

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29012 BURLINGTON/WELLINGTON HAMILTON													MONTH - APR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	25	9	2	0	5	2	9	6	4	10	2	2	6	1
2	2	2	0	0	0	7	2	0	1	0	0	2	1	1
3	0	2	0	0	----	----	----	----	----	----	----	----	-----	-----
4														
5														
6														
7														
8	----	----	----	----	----	----	3	2	3	1	2	0	-----	-----
9	0	0	0	1	2	7	2	0	1	0	4	0	1	1
10	2	0	2	0	5	3	2	4	1	3	3	2	2	2
11	3	2	2	3	1	----	6	2	2	3	0	2	2	2
12	2	5	1	3	0	2	2	10	4	0	3	3	3	3
13	0	0	0	0	0	2	2	0	0	4	2	1	1	1
14	1	0	2	0	0	6	2	0	5	1	4	0	2	2
15	0	4	3	7	2	2	0	5	3	0	0	0	0	0
16	0	0	0	0	----	3	0	0	0	0	2	0	2	2
17	6	2	5	3	3	0	1	0	2	3	3	0	0	2
18	5	2	3	3	0	0	4	1	3	0	2	0	1	1
19	0	1	3	3	4	1	3	0	0	0	2	7	2	2
20	2	2	3	0	2	4	2	0	4	1	1			
21	2	2	9	2	2	2	0	3	0	0	3	2	2	2
22	2	2	2	0	2	----	0	1	0	0	0	2	1	1
23	0	0	0	3	0	7	3	2	0	7	2	0	2	2
24	0	0	5	1	0	3	0	4	5	1	0	2	2	2
25	2	3	1	0	2	2	0	3	3	3	5	1	2	2
26	5	4	0	1	3	0	0	2	2	2	2	4	2	2
27	1	0	0	0	0	0	0	2	4	1	0	0	1	1
28	2	0	2	0	1	0	3	3	3	0	0	5	2	2
29	2	3	3	2	----	1	1	2	0	3	3	0	2	2
30	4	2	2	0	0	4	0	0	2	1	2	0	1	1
MEAN	3	2	2	1	2	3	2	2	2	2	2	1	1.9	

PERCENTAGE OF DATA VALID - 81.7 PERCENTAGE OF DATA INVALID - 18.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "-----" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "-----" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29012 BURLINGTON/WELLINGTON HAMILTON													MONTH - MAY 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	2	2	2	0	2	0	0	2	2	2	2	2	2
2	2	4	2	5	1	2	2	3	2	2	2	2	2	2
3	0	2	1	2	2	0	0	0	0	0	1	2	1	1
4	2	2	1	1	0	0	0	0	2	2	0	3	1	1
5	2	3	0	2	5	2	0	2	2	1	1	2	2	2
6	0	3	0	4	3	----							-----	-----
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22							6	2	2	2	4	3	-----	-----
23	2	5	5	7	2	2	11	9	3	7	7	7	6	6
24	4	8	1	1	2	2	2	1	2	0	5	3	3	3
25	0	0	0	2	2	1	0	0	2	2	0	1	1	1
26	0	2	2	2	2	0	3	3	0	2	0	3	2	2
27	2	0	0	3	2	2	2	2	0	2	2	0	1	1
28	2	0	3	2	1	0	2	4	2	0	2	2	2	2
29	2	2	0	2	2	2	0	1	0	0	0	0	1	1
30	0	0	3	2	7	2	2	3	2	2	0	0	2	2
31	2	0	0	3	0	1	1	2	3	0	3	2	1	1
MEAN	2	2	1	3	2	1	2	2	2	2	2	2	1.9	

PERCENTAGE OF DATA VALID - 48.1 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 51.6

NOTES 1. "-----" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "-----" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION - WC NO 29012				BURLINGTON/WELLINGTON HAMILTON				MONTH - JUN 80				MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	0	0	0	2	2	4	1	1	4	0	0	1	1
2	0	0	0	4	2	7	8	7	0	1	0	7	3
3	1	2	7	2	0	2	2	0	0	2	0	2	2
4	1	0	0	2	5	0	0	5	4	3	1	1	1
5	1	3	2	1	8	9	3	1	2	3	3	0	2
6	0	2	3	1	0	2	2	2	1	1	4	3	2
7	2	0	2	0	0	0	0	1	0	0	2	0	1
8	2	0	2	3	5	2	2	3	0	2	1	0	2
9	2	2	1	3	0	0	2	0	2	0	0	0	1
10	0	1	1	2	0	0	2	0	2	0	0	0	1
11	7	2	1	0	***	4	3	0	0	2	4	2	2
12	0	2	6	2	0	0	4	0	7	2	2	2	2
13	3	4	4	2	1	2	2	2	2	1	1	3	2
14	7	5	3	3	4	2	2	4	2	2	3	0	3
15	4	1	3	1	0	2	4	0	1	3	0	0	2
16	0	0	2	1	2	***	3	1	3	3	1	2	2
17	1	1	4	3	5	5	3	0	0	0	0	0	2
18	2	1	5	3	2	2	5	1	4	2	0	1	2
19	0	4	2	4	5	2	0	0	4	5	0	0	2
20	0	0	0	0	2	0	0	0	0	1	3	1	1
21	3	0	0	0	0	2	1	0	0	0	2	2	1
22	4	2	3	0	0	0	0	4	0	3	6	2	2
23	1	4	12	3	3	6	2	0	7	4	5	6	4
24	7	7	6	6	12	8	5	5	2	2	2	2	5
25	6	2	8	4	3	0	2	2	3	2	3	3	3
26	6	6	6	3	4	0	7	0	4	5	6	2	4
27	4	3	3	3	3	1	3	6	5	1	0	5	3
28	0	0	1	2	0	0	0	0	0	2	0	2	1
29	2	0	1	0	2	1	5	2	0	0	0	0	1
30	0	0	5	1	0	0	0	2	0	0	2	0	1
MEAN	2	2	3	2	2	2	2	2	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

HOUR DAY	STATION - WC NO 29012				BURLINGTON/WELLINGTON HAMILTON				MONTH - JUL 80				MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
1	3	0	0	3	0	0	2	1	2	2	0	5	2
2	2	2	0	2	4	2	2	2	4	0	2	3	2
3	2	2	1	0	0	2	2	1	1	2	1	1	1
4	5	2	2	2	2	***	5	0	2	2	2	1	3
5	2	5	1	0	5	2	1	0	1	0	2	0	2
6	0	0	0	4	5	0	0	0	0	0	0	2	0
7	2	1	2	4	5	2	1	2	2	1	1	1	2
8	2	0	2	4	4	1	0	0	0	0	0	0	1
9	0	0	3	5	2	3	2	2	1	1	2	2	2
10	4	4	5	4	5	2	6	1	2	4	4	3	4
11	3	5	2	5	3	0	1	2	1	1	0	0	2
12	0	0	3	4	0	0	2	2	0	0	2	0	1
13	0	0	2	3	1	0	1	0	2	1	4	0	1
14	3	2	2	2	0	3	3	0	3	2	5	2	2
15	7	6	5	2	2	***	2	0	0	2	2	2	3
16	0	0	3	3	3	2	2	0	0	5	0	2	2
17	0	0	3	2	0	0	3	0	0	2	2	0	1
18	6	3	2	4	2	3	12	2	2	0	0	2	3
19	5	2	0	0	2	0	2	2	3	2	1	3	2
20	2	2	1	0	3	2	3	4	2	0	0	5	2
21	2	0	2	2	0	0	2	0	2	3	0	3	1
22	2	5	0	2	2	2	1	0	1	0	2	0	1
23	2	0	0	3	2	0	0	0	1	1	2	0	1
24	0	4	2	0	1	0	1	0	0	2	0	0	1
25	0	0	0	1	2	0	4	2	7	4	0	2	2
26	0	1	2	0	2	3	3	2	1	5	1	3	2
27	0	1	2	1	3	3	2	1	1	2	2	4	2
28	0	5	0	8	2	***	***	***	***	***	***	***	***
29	***	***	***	***	***	0	0	0	0	0	0	0	***
30	0	0	2	1	0	6	2	1	2	0	3	4	2
31	0	2	4	6	2	2	3	3	4	1	2	2	3
MEAN	2	2	2	3	2	1	2	1	1	2	1	2	1.7

PERCENTAGE OF DATA VALID - 96.2

PERCENTAGE OF DATA INVALID - 3.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 29012 BURLINGTON/WELLINGTON HAMILTON													MONTH - AUG 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	2	5	4	2	2	2	0	0	3	2	2	
2	2	2	1	4	2	2	3	2	2	1	2	1	2	
3	2	0	0	2	2	1	3	0	0	2	2	0	1	
4	2	0	0	3	6	2	2	1	1	2	2	2	2	
5	2	3	4	4	4	3	4	0	3	0	2	1	2	
6	0	0	1	1	3	0	2	4	0	2	4	2	2	
7	0	7	2	2	2	2	2	0	2	1	2	2	2	
8	2	4	2	2	1	2	5	3	2	2	2	1	2	
9	2	0	1	2	0	0	2	0	4	0	2	2	1	
10	0	1	2	0	0	3	0	0	4	0	2	2	1	
11	2	0	4	3	3	0	2	2	2	3	5	0	2	
12	0	1	1	2	0	0	0	1	0	1	0	1	1	
13	2	0	2	4	0	0	0	2	0	1	1	2	1	
14	3	1	4	5	3	2	2	1	1	2	4	0	2	
15	4	2	2	2	***	***	0	5	2	2	1	0	1	
16	0	0	2	0	0	0	1	3	0	2	2	0	2	
17	2	3	2	0	0	2	3	2	3	3	3	2	2	
18	0	3	3	3	2	2	4	0	2	0	1	4	2	
19	2	2	7	7	2	3	3	0	2	1	0	2	3	
20	2	3	7	7	3	3	3	0	2	1	0	2	3	
21	0	3	4	1	0	4	3	0	0	4	1	3	2	
22	2	2	3	9	2	5	4	2	1	2	2	3	3	
23	3	3	0	3	3	1	5	2	2	3	2	0	2	
24	2	0	2	2	0	1	2	2	0	6	0	0	1	
25	2	4	3	3	6	4	0	1	0	6	0	2	3	
26	2	0	0	7	0	0	5	2	2	3	5	3	2	
27	5	5	3	3	4	2	5	2	2	0	5	3	3	
28	3	5	0	7	2	2	***	0	9	3	0	2	3	
29	3	2	3	3	0	2	0	4	0	3	0	2	2	
30	9	4	5	4	4	0	5	1	3	3	2	2	2	
31	2	1	3	0	3	3	3	3	0	0	4	0	2	
MEAN	2	2	2	3	2	2	3	2	2	2	2	1	2.0	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 29012 BURLINGTON/WELLINGTON HAMILTON													MONTH - SEP 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	2	0	0	3	3	0	3	2	0	0	1	
2	0	0	3	5	2	4	0	5	0	2	0	4	2	
3	0	2	3	0	5	0	0	7	0	4	2	0	2	
4	7	5	3	2	2	2	0	0	0	3	0	2	2	
5	9	4	2	0	2	0	0	0	0	0	0	2	2	
6	3	4	7	0	0	1	0	3	4	0	0	0	2	
7	0	0	3	2	1	0	0	0	0	3	0	2	1	
8	0	2	5	5	3	5	2	10	5	9	4	4	5	
9	9	7	5	6	2	10	1	0	2	0	0	0	4	
10	0	7	2	0	4	0	2	0	7	0	6	6	2	
11	2	0	8	7	1	2	0	2	0	2	2	2	2	
12	4	2	6	4	4	6	6	11	8	0	3	5	5	
13	2	2	0	3	5	1	4	0	4	0	6	2	2	
14	6	3	7	3	3	2	0	0	0	0	0	1	2	
15	0	2	0	1	0	8	11	13	1	6	2	0	4	
16	2	3	4	4	3	3	6	4	2	4	3	4	4	
17	2	0	5	3	1	0	3	2	5	0	1	0	2	
18	0	2	0	5	1	1	2	2	5	2	8	3	3	
19	6	0	7	2	2	2	3	8	5	2	4	2	4	
20	4	4	8	2	4	2	2	4	3	3	2	2	3	
21	1	4	0	2	2	0	2	0	0	2	2	0	1	
22	0	2	0	9	2	5	0	1	5	1	2	0	2	
23	0	0	0	2	2	0	2	1	2	0	0	2	1	
24	0	2	0	2	2	1	2	3	0	0	1	4	2	
25	0	0	1	2	2	2	3	2	2	4	0	0	2	
26	0	4	0	0	3	0	3	2	0	1	0	0	1	
27	0	2	0	4	0	0	2	2	4	3	0	2	1	
28	1	1	4	2	2	1	0	0	2	4	5	1	2	
29	0	1	0	2	2	1	4	2	2	4	1	2	2	
30	7	8	4	8	2	4	1	2	2	0	0	4	4	
MEAN	2	2	3	3	2	2	2	3	4	4	4	4	2.5	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29012 BURLINGTON/WELLINGTON HAMILTON													MONTH - OCT 80	
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	2	1	0	0	0	0	1	0	2	1	1
2	2	2	1	2	0	1	5	0	2	2	3	0	2	2
3	2	3	0	0	2	3	***	2	4	1	1	1	1	2
4	0	0	0	2	1	2	0	0	2	0	0	2	1	1
5	0	1	2	0	2	1	2	0	0	0	2	1	1	1
6	5	1	2	2	2	1	3	0	2	3	0	0	2	2
7	1	3	2	5	2	2	0	2	0	2	1	1	2	2
8	0	5	1	5	1	2	***	0	4	0	1	0	2	2
9	0	1	3	0	0	2	0	6	3	2	0	0	1	1
10	0	1	2	6	2	1	0	0	0	0	2	1	1	1
11	2	2	4	0	0	1	0	5	0	0	0	0	1	1
12	2	0	3	0	3	2	1	0	0	1	3	1	1	1
13	2	2	0	0	0	0	0	0	2	1	0	2	1	1
14	1	0	2	3	0	1	2	1	0	0	0	0	1	1
15	0	2	0	6	0	4	0	0	2	0	0	2	1	1
16	0	2	1	2	1	3	2	2	0	1	0	4	2	2
17	0	2	2	2	6	0	1	2	0	0	2	3	2	2
18	0	1	0	2	0	2	2	0	0	0	2	2	1	1
19	1	1	4	0	2	2	1	0	0	0	0	2	1	1
20	0	0	0	2	2	0	1	0	4	1	0	2	1	1
21	0	0	2	0	3	2	2	0	3	3	3	1	2	2
22	2	0	3	1	2	0	0	5	0	1	0	2	1	1
23	2	1	4	2	0	2	5	1	0	2	3	1	2	2
24	2	3	4	4	2	1	0	0	0	0	5	2	2	2
25	0	2	1	3	2	1	2	0	2	1	1	1	1	1
26	2	3	0	1	0	2	0	2	0	1	2	2	1	1
27	2	6	4	2	2	2	4	2	0	2	0	1	2	2
28	5	0	2	2	2	0	2	0	0	0	3	0	1	1
29	3	4	1	4	2	0	2	1	3	0	1	0	2	2
30	0	0	0	2	1	3	1	0	0	0	2	0	1	1
31	0	5	0	4	1	0	2	0	1	0	0	1	1	1
MEAN	1	2	2	2	1	1	1	1	1	1	1	1	1.3	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29012 BURLINGTON/WELLINGTON HAMILTON													MONTH - NOV 80	
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	1	1	1	0	0	0	2	0	0	0	0	0	0
2	2	0	0	0	0	0	1	0	2	0	3	2	1	1
3	1	3	2	4	2	2	2	0	0	0	0	0	1	1
4	2	0	0	2	0	0	0	0	8	0	3	0	1	1
5	4	1	0	0	5	4	4	0	2	0	0	3	2	2
6	2	5	3	2	2	2	***	0	2	3	3	2	2	2
7	2	2	0	6	2	5	2	3	3	2	3	3	3	3
8	2	3	3	0	2	1	3	3	2	0	2	3	2	2
9	7	9	2	3	3	2	0	0	1	4	0	1	3	3
10	2	2	0	5	0	0	2	0	2	2	2	2	2	2
11	0	0	0	0	0	2	0	4	0	2	0	0	1	1
12	7	0	0	0	5	0	4	0	1	0	2	2	2	2
13	0	3	7	3	0	0	2	5	0	2	2	5	3	3
14	3	5	2	4	0	2	0	0	2	2	2	2	2	2
15	3	0	2	0	0	2	0	0	2	3	2	3	1	1
16	2	0	2	0	3	0	0	2	0	2	3	5	2	2
17	9	4	3	4	3	2	3	0	3	2	2	0	3	3
18	0	2	0	4	3	2	0	2	0	2	4	2	2	2
19	2	3	0	2	2	2	0	3	3	0	3	2	2	2
20	1	0	0	0	9	2	0	6	2	3	2	5	3	3
21	4	3	3	3	2	2	***	0	2	0	0	0	2	2
22	2	2	2	1	2	0	2	0	4	0	0	2	1	1
23	4	1	4	0	5	7	3	6	2	4	4	3	4	4
24	3	6	4	6	3	6	2	8	2	3	0	2	4	4
25	1	2	1	2	2	0	0	0	0	0	2	2	1	1
26	1	1	9	5	6	2	4	4	6	1	6	6	4	4
27	2	3	0	4	6	2	4	5	5	6	4	7	4	4
28	1	6	1	9	10	4	4	5	1	0	5	2	4	4
29	0	2	2	0	2	3	2	0	4	0	4	2	2	2
30	2	0	2	1	1	0	0	3	4	0	2	5	2	2
MEAN	2	2	2	2	3	2	2	2	2	2	2	2	2.1	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 29012 BURLINGTON/WELLINGTON HAMILTON													MONTH - DEC 80	
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	0	1	3	5	3	7	5	4	7	2	3	
2	3	0	3	4	6	5	0	0	5	0	0	1	2	
3	2	1	0	4	0	2	0	3	2	0	2	0	1	
4	3	4	1	2	2	***	0	0	0	2	5	4	2	
5	2	4	6	3	0	2	3	0	0	1	1	8	3	
6	0	2	5	4	2	0	0	0	1	0	2	2	2	
7	0	3	2	2	4	2	5	2	9	7	4	4	3	
8	2	0	9	2	3	0	6	1	6	0	3	0	2	
9	0	0	0	4	2	1	3	3	4	1	3	0	2	
10	3	3	1	1	6	2	2	4	2	7	0	1	3	
11	1	5	0	2	4	4	1	3	0	3	2	2	2	
12	0	2	1	4	2	0	4	0	3	2	3	4	2	
13	3	1	0	0	2	0	0	1	3	2	2	0	1	
14	0	0	1	0	2	0	2	2	0	3	2	2	3	
15	2	6	0	5	3	2	2	1	2	3	4	0	2	
16	2	0	2	0	0	3	4	2	4	6	3	5	3	
17	2	2	1	2	4	2	5	0	0	1	2	2	2	
18	2	2	4	2	5	0	0	0	0	2	7	4	3	
19	2	2	2	3	0	2	0	4	3	2	2	0	2	
20	3	4	0	2	2	0	2	1	0	2	2	0		
21	3	4	2	3	8	2	5	0	2	8	2	3	4	
22	1	3	3	2	4	6	2	0	6	5	2	7	4	
23	4	7	3	5	2	3	5	4	1	7	2	4	4	
24	0	0	4	4	2	0	4	3	0	1	5	0	2	
25	5	1	2	0	1	5	4	1	2	2	0	3	2	
26	0	2	2	0	4	2	4	0	2	2	5	3	2	
27	4	0	6	4	7	3	2	2	4	5	7	8	4	
28	4	10	8	6	2	4	2	2	2	5	3	2	4	
29	2	0	6	6	6	8	2	6	0	3	5	0	4	
30	2	2	2	0	4	2	***	0	1	4	2	2	2	
31	4	1	0	2	6	0	6	4	2	4	3	2	3	
MEAN	2	2	2	3	3	2	3	2	2	3	3	3	2.5	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29012 BURLINGTON/WELLINGTON HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	24	2.1	5	10
FEB	29	1.6	4	11
MAR	31	2.2	20	41
APR	24	1.9	6	25
MAY	14	1.9	6	11
JUN	30	2.1	5	12
JUL	29	1.7	4	12
AUG	31	2.0	4	9
SEP	30	2.3	5	13
OCT	31	1.3	2	6
NOV	30	2.1	4	10
DEC	31	2.5	4	10
YEAR	334	2.0	20	41

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29012

BURLINGTON/WELLINGTON HAMILTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	256	36	0	0	0	0	0	292
FEB	323	23	1	0	0	0	0	347
MAR	328	21	9	2	2	2	1	365
APR	266	27	0	0	1	0	0	294
MAY	165	13	1	0	0	0	0	179
JUN	308	48	2	0	0	0	0	358
JUL	330	27	1	0	0	0	0	358
AUG	341	28	0	0	0	0	0	369
SEP	304	53	3	0	0	0	0	360
OCT	354	16	0	0	0	0	0	370
NOV	314	44	0	0	0	0	0	358
DEC	311	59	0	0	0	0	0	370
YEAR	3600	395	17	2	3	2	1	4020

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
91.5	0	0.0	0.0	1.2	1.9	4.1	5.5	7.3	8.8	41	2.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29015

MERRICK ST HAMILTON

MONTH - JAN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	1	6	2	2	1	4	0	0	3	1	2	2
2	6	2	2	9	***	2	5	7	2	9	5	0	4
3	0	0	0	4	5	0	0	2	3	5	7	5	3
4	2	3	0	7	3	5	2	9	12	7	5	5	5
5	3	0	2	7	4	5	5	7	2	2	0	0	3
6	2	5	5	3	7	7	3	3	5	3	5	13	5
7	3	9	3	2	3	2	4	5	2	5	2	3	4
8	2	5	3	2	2	5	5	3	7	4	3	4	4
9	0	7	0	0	7	2	3	2	9	7	5	2	4
10	2	2	3	5	9	12	3	9	13	12	7	9	7
11	17	9	4	3	2	5	0	3	2	0	5	3	4
12	0	0	2	1	3	5	3	5	2	7	5	5	-
13	5	2	7	4	2	5	2	3	2	5	0	7	4
14	3	0	3	0	0	5	7	4	5	6	7	2	4
15	0	5	2	3	9	7	3	7	7	2	0	9	5
16	3	5	5	2	3	5	7	7	5	9	3	5	5
17	5	9	2	7	19	15	5	5	2	3	3	0	6
18	3	2	0	7	0	***	3	7	5	5	5	0	3
19	4	3	0	2	4	2	2	5	7	5	3	0	3
20	0	3	0	3	0	0	0	0	0	2	0	0	1
21	0	2	0	2	3	5	0	2	0	5	2	5	2
22	0	0	8	0	5	3	7	4	3	5	0	3	3
23	2	3	0	3	2	4	7	2	2	9	7	3	4
24	0	3	0	3	6	2	2	2	3	3	0	6	3
25	2	3	1	7	-	11	7	5	2	5	7	3	5
26	0	3	0	5	3	2	3	8	6	0	4	2	3
27	2	2	4	0	1	0	0	1	3	6	2	7	2
28	2	1	4	2	0	6	5	2	7	2	0	3	3
29	5	2	4	5	5	2	10	9	7	0	1	2	4
30	0	1	0	3	3	***	7	0	6	0	2	3	2
31	0	1	7	7	7	0	5	4	5	5	3	5	4
MEAN	2	3	2	4	4	4	4	4	4	4	3	4	3.6

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29015 MERRICK ST HAMILTON													MONTH - FEB 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	0	2	2	4	5	0	5	2	3	0	2	2
2	6	5	2	5	8	5	1	2	2	2	2	7	4	4
3	1	1	2	0	2	0	4	0	0	0	3	3	2	2
4	0	0	2	3	4	2	2	0	0	3	2	3	4	4
5	2	2	5	5	2	4	3	7	8	7	5	0	4	4
6	7	0	2	5	6	2	5	1	2	7	6	0	3	3
7	3	0	2	2	4	3	7	2	3	3	0	0	3	3
8	5	0	2	4	6	2	3	0	0	7	2	5	4	4
9	2	0	6	0	8	2	6	2	5	5	1	0	2	2
10	2	3	2	8	3	0	3	0	1	0	0	2	2	2
11	3	2	0	2	2	3	3	2	5	5	2	2	3	3
12	0	2	0	4	7	4	0	4	0	3	0	4	2	2
13	3	2	2	4	4	2	2	2	3	5	4	3	3	3
14	2	3	3	11	4	6	4	0	6	0	7	6	4	4
15	4	0	4	6	7	2	6	2	6	4	8	6	5	5
16	13	6	1	5	2	2	3	4	4	0	6	7	4	4
17	1	2	0	2	2	2	1	3	2	***	-	-	2	2
18	-	-	-	-	****	4	- DATA UNAVAILABLE -		5	5	5	9	*****	4
19	-	-	-	-	3	11	2	2	3	2	2	2	4	4
20	3	5	4	3	3	11	2	2	3	2	2	2	4	4
21	3	5	2	2	2	2	0	0	2	2	2	6	2	2
22	2	1	3	2	2	1	2	3	7	7	2	1	3	3
23	0	1	2	1	0	2	2	2	2	2	3	7	2	2
24	2	2	1	0	0	1	2	0	0	2	0	0	1	1
25	0	0	0	2	3	4	2	0	4	3	1	2	2	2
26	3	0	6	21	4	1	0	2	4	3	0	0	4	4
27	0	2	0	0	2	0	2	0	2	3	0	2	1	1
28	0	2	0	3	1	3	2	2	6	3	1	0	2	2
29	2	1	3	0	5	2	4	3	3	1	3	2	2	2
MEAN	3	2	2	4	4	3	3	2	4	3	3	3	2.8	2.8

PERCENTAGE OF DATA VALID - 94.3

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 5.2

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29015 MERRICK ST HAMILTON													MONTH - MAR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	1	2	0	0	2	3	1	2	1	0	2	1	1
2	1	0	3	2	0	1	1	1	3	2	0	0	1	1
3	2	0	0	2	***	5	2	2	2	1	0	0	2	2
4	2	1	3	2	0	3	2	1	3	3	0	3	3	3
5	2	0	5	5	2	7	9	2	2	2	0	3	1	1
6	2	0	0	2	3	2	0	0	2	3	3	5	3	3
7	5	1	2	4	3	1	2	2	2	0	1	1	1	1
8	1	0	5	3	0	0	1	3	0	1	2	0	1	1
9	0	0	1	0	2	1	0	1	0	1	2	0	1	1
10	0	3	2	0	2	2	0	0	0	0	3	0	1	1
11	1	0	0	0	3	0	5	3	4	1	0	0	1	1
12	1	0	0	3	2	0	2	2	0	2	2	0	3	3
13	2	5	1	2	2	1	5	3	5	5	1	0	3	3
14	3	3	2	2	0	0	2	2	2	2	0	3	2	2
15	1	1	0	0	0	0	3	2	0	3	0	2	1	1
16	2	3	0	2	3	0	3	0	2	0	3	5	2	2
17	4	1	5	7	2	3	1	3	1	0	0	3	3	3
18	1	0	0	0	2	***	0	2	2	2	0	0	1	1
19	2	0	2	0	0	1	0	2	2	0	0	2	1	1
20	0	2	2	2	5	3	2	2	2	2	2	2	2	2
21	0	3	5	3	3	3	0	0	0	0	0	2	2	2
22	0	0	0	2	2	0	0	2	2	2	5	2	1	1
23	2	1	0	2	0	2	0	1	0	0	2	3	1	1
24	0	3	2	1	2	0	3	0	0	3	1	2	1	1
25	3	3	1	2	0	0	3	2	2	1	0	1	2	2
26	3	0	0	0	2	0	3	0	2	0	0	1	1	1
27	0	1	0	5	2	3	3	2	6	2	2	5	3	3
28	3	1	3	4	1	9	7	5	7	2	2	5	4	4
29	3	3	1	2	1	4	2	0	2	0	0	5	2	2
30	4	1	1	0	2	4	1	0	3	3	1	0	2	2
31	0	3	2	2	3	***	5	2	6	1	2	5	3	3
MEAN	2	1	2	2	2	2	2	2	2	2	1	2	1.8	1.8

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 29015 MERRICK ST HAMILTON													MONTH - APR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	13	4	13	15	6	8	5	14	19	5	3	9	
2	2	1	0	3	3	2	2	2	5	3	2	0	2	
3	5	1	3	6	4	3	4	5	2	2	5	3	4	
4	3	1	0	0	0	6	2	0	2	0	0	0	1	
5	0	0	0	0	0	0	0	4	1	5	3	1	2	
6	3	0	1	0	2	0	2	4	1	1	0	3	3	
7	0	0	0	3	11	6	4	2	1	2	2	3	3	
8	1	0	0	3	0	11	12	5	15	4	1	1	5	
9	2	0	0	0	0	0	2	1	2	0	4	3	1	
10	1	0	0	3	2	0	0	0	5	1	5	3	2	
11	0	0	0	2	1	2	1	4	1	3	0	2	1	
12	6	1	3	3	7	8	2	2	2	0	2	2	3	
13	0	3	0	2	0	0	0	0	2	0	0	2	1	
14	0	0	2	3	5	4	3	4	3	0	0	5	2	
15	2	2	3	0	2	0	5	2	2	2	0	2	2	
16	0	1	0	2	7	***	0	2	6	3	0	0	2	
17	0	0	2	3	5	2	3	2	0	0	2	0	2	
18	2	0	0	2	4	4	7	3	2	1	0	2	2	
19	5	4	2	3	3	3	2	2	2	7	3	2	3	
20	0	0	1	0	0	0	0	0	2	5	0	2	1	
21	0	0	0	3	0	0	3	0	2	0	3	2	1	
22	0	2	2	5	4	1	10	5	3	3	10	7	4	
23	2	11	3	5	3	2	10	8	2	2	0	0	4	
24	0	3	2	2	5	4	4	4	3	3	0	0	3	
25	0	2	2	0	5	0	0	2	0	0	3	2	1	
26	0	3	0	4	0	10	5	4	3	1	2	2	3	
27	2	2	0	2	1	2	0	3	4	3	5	1	2	
28	1	4	0	0	0	5	5	3	2	5	2	3	3	
29	3	2	3	9	10	7	7	12	3	2	0	7	5	
30	0	0	3	5	5	5	7	6	4	7	3	4	4	
MEAN	1	2	1	3	4	3	4	3	3	3	2	2	2.6	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 29015 MERRICK ST HAMILTON													MONTH - MAY 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	7	9	3	4	2	2	3	2	2	1	6	4	
2	0	8	5	6	2	2	0	0	2	3	2	2	3	
3	0	2	5	2	2	4	1	2	3	0	3	0	2	
4	1	0	1	0	0	0	1	0	3	3	2	0	1	
5	0	5	2	1	10	5	2	4	3	0	2	0	3	
6	3	0	0	0	2	***	2	1	2	2	0	0	1	
7	2	6	0	3	3	0	3	2	0	1	1	1	2	
8	1	1	0	2	0	2	1	2	2	0	1	1	1	
9	2	2	1	2	4	0	2	2	1	1	2	2	2	
10	0	2	3	2	2	2	5	2	2	1	3	4	2	
11	2	1	1	0	0	2	0	1	1	0	0	2	1	
12	2	0	4	6	4	2	8	5	5	14	4	1	5	
13	2	3	2	5	2	1	5	3	4	4	5	5	3	
14	2	2	1	2	1	1	3	1	0	2	0	0	1	
15	0	1	2	2	1	1	0	1	1	0	2	2	1	
16	0	2	3	4	1	2	1	2	2	0	0	4	2	
17	5	1	5	3	9	6	4	7	10	2	3	2	5	
18	5	3	2	2	3	2	0	0	1	0	0	0	2	
19	1	0	1	0	2	2	3	2	0	2	1	2	1	
20	2	2	0	2	3	8	9	5	2	2	2	4	3	
21	2	4	2	4	4	3	5	5	0	2	2	2	3	
22	1	1	2	1	3	***	2	2	2	4	1	2	2	
23	2	1	2	3	4	3	2	4	3	4	9	7	4	
24	5	3	2	4	2	6	7	2	2	2	2	0	3	
25	1	2	2	0	3	2	3	3	1	2	1	0	2	
26	0	0	2	1	0	0	1	2	0	2	0	1	1	
27	1	0	0	1	2	1	1	0	2	0	2	2	1	
28	0	2	1	2	2	1	6	6	5	2	3	2	3	
29	2	3	0	1	6	9	4	0	2	0	0	1	2	
30	3	0	2	9	13	12	2	3	2	1	2	0	4	
31	0	0	0	1	0	0	0	1	0	2	1	0	0	
MEAN	2	2	2	2	3	3	3	2	2	2	2	2	2.2	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 29015 MERRICK ST HAMILTON													MONTH - JUN 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	3	1	0	0	2	5	2	2	2	2	2	2
2	2	2	3	7	5	12	14	2	2	2	2	2	2	5
3	2	2	4	4	7	3	2	1	0	0	3	0	0	2
4	0	0	0	0	2	0	2	0	0	3	0	0	0	2
5	0	0	1	3	3	4	3	1	2	0	2	3	0	6
6	2	3	3	3	7	7	13	7	15	5	2	0	2	1
7	1	0	0	0	3	0	3	3	0	2	0	2	0	0
8	2	0	0	0	0	0	0	0	0	2	0	0	0	0
9	0	0	0	3	1	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	3	2	0	0	0	3	0	0	1
11	0	1	0	0	1	0	0	0	0	2	0	2	1	1
12	0	3	2	0	2	2	0	2	2	0	2	0	1	2
13	0	2	3	2	2	0	***	2	2	0	2	4	2	2
14	2	1	2	4	2	1	2	2	2	0	0	0	1	1
15	1	2	2	2	2	***	***	2	2	2	1	2	2	2
16	2	0	2	0	3	***	***	2	10	2	2	0	4	4
17	0	1	6	3	11	6	6	2	5	5	5	6	4	4
18	2	3	0	6	2	5	2	2	19	11	3	1	8	1
19	4	1	0	11	13	5	8	20	0	0	2	1	1	1
20	2	2	0	0	0	0	6	4	0	0	0	0	0	3
21	0	0	0	0	10	8	5	4	4	0	2	2	3	1
22	2	1	0	2	2	2	0	2	2	1	0	3	3	3
23	0	1	1	6	13	0	1	0	3	6	3	0	6	4
24	0	2	1	9	14	12	10	8	3	4	7	2	6	4
25	4	0	2	2	11	5	6	5	2	3	0	3	4	4
26	1	0	4	4	7	5	11	14	7	7	5	5	6	4
27	3	2	2	4	8	2	2	9	5	5	1	4	4	4
28	0	1	3	1	4	6	3	3	4	2	2	2	3	2
29	2	2	0	0	0	2	6	1	6	2	4	1	2	2
30	3	0	0	4	7	0	0	0	4	0	0	0	0	2
MEAN	1	1	1	3	5	3	4	3	3	2	2	2	2.6	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 29015 MERRICK ST HAMILTON													MONTH - JUL 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	0	2	2	1	0	4	0	3	0	0	1	1	1
2	3	0	4	0	3	5	2	4	2	5	2	2	3	3
3	0	1	0	5	***	8	2	3	1	2	2	2	3	3
4	1	2	2	2	***	2	2	7	1	7	4	5	3	2
5	7	2	2	2	2	2	0	1	0	2	2	0	1	1
6	0	2	0	0	0	1	2	1	0	1	2	2	2	2
7	0	1	0	7	4	2	1	0	5	3	2	2	2	2
8	1	0	0	3	0	7	1	1	3	3	2	8	2	2
9	2	0	0	2	2	7	0	0	1	5	0	4	4	4
10	7	9	0	9	7	2	1	2	2	0	2	4	2	2
11	3	2	2	2	2	2	2	1	2	2	2	1	2	2
12	2	0	0	1	1	0	0	0	0	0	1	4	1	1
13	6	0	0	0	6	2	2	2	1	0	2	0	2	2
14	0	1	2	3	0	0	0	2	0	0	1	2	1	1
15	0	0	1	2	5	***	3	2	0	5	5	3	2	2
16	0	1	1	2	1	3	1	0	1	0	5	2	1	1
17	0	1	0	0	0	0	0	0	3	0	2	8	1	1
18	1	2	7	2	9	1	6	2	3	2	2	0	3	3
19	0	0	0	3	0	2	0	7	1	5	2	2	2	2
20	2	2	2	1	5	0	0	0	2	0	3	1	2	2
21	0	0	0	0	2	2	2	3	2	2	0	2	1	1
22	2	2	1	2	1	0	5	2	2	3	0	1	2	2
23	2	1	1	0	0	0	0	0	1	1	3	2	1	1
24	2	2	0	4	0	2	0	2	0	2	1	2	1	1
25	2	0	3	2	2	0	0	2	0	2	0	1	1	1
26	0	3	2	2	2	11	3	3	3	5	2	2	3	3
27	2	1	9	11	5	2	7	9	2	2	9	7	6	6
28	3	1	5	7	1	***	2	3	7	0	2	0	3	3
29	2	1	0	5	2	0	2	3	2	0	0	0	1	1
30	2	0	2	5	2	3	0	3	0	2	2	0	2	2
31	3	2	2	5	2	4	0	3	2	9	7	5	4	4
MEAN	2	1	2	3	2	2	2	2	2	2	2	2	2.1	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 29015 MERRICK ST HAMILTON													MONTH - AUG 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	1	3	2	2	2	0	3	2	3	0	2	
2	3	2	0	2	3	1	2	1	0	2	1	0	1	
3	1	0	2	2	0	2	3	1	0	0	0	2	1	
4	7	0	1	2	0	1	2	0	2	5	0	0	2	
5	0	0	2	11	7	5	0	0	2	0	3	0	3	
6	2	2	2	0	2	0	3	0	0	0	0	2	1	
7	1	1	1	3	0	4	2	2	0	1	3	2	2	
8	2	3	2	7	0	2	1	3	0	2	2	2	2	
9	2	0	0	0	2	1	0	0	2	0	3	0	1	
10	3	0	2	0	7	7	3	2	3	2	0	0	2	
11	0	0	3	3	3	2	7	7	9	2	0	1	3	
12	3	0	2	2	2	2	2	4	1	0	0	0	1	
13	0	2	0	0	0	0	5	4	2	0	2	2	1	
14	0	3	2	2	2	1	3	2	2	3	3	2	2	
15	2	0	0	***	-	0	0	2	1	0	5	4	1	
16	3	0	4	2	0	1	0	0	0	0	0	0	1	
17	3	1	0	0	3	5	2	2	0	0	0	0	2	
18	0	1	4	1	2	1	2	0	2	2	2	5	2	
19	2	0	7	3	2	3	0	5	2	2	3	0	2	
20	3	0	5	5	9	9	17	9	5	6	2	4	6	
21	1	2	0	5	2	2	6	11	3	3	0	2	3	
22	0	1	0	0	2	0	5	9	3	0	3	2	2	
23	1	7	2	2	2	5	4	3	2	6	1	4	3	
24	1	3	0	2	9	3	4	7	3	2	2	2	3	
25	3	2	4	9	2	4	2	0	1	0	0	2	2	
26	3	2	2	3	2	5	3	2	0	2	1	7	3	
27	1	0	2	2	5	2	3	2	2	5	4	2	3	
28	0	4	4	2	0	***	2	3	0	3	1	3	2	
29	2	3	3	7	5	2	7	1	9	0	1	3	4	
30	1	0	1	9	5	4	0	2	0	2	5	5	3	
31	2	0	0	0	-	2	2	2	2	0	2	1	1	
MEAN	2	1	2	3	3	3	3	3	2	2	2	2	2.2	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 29015 MERRICK ST HAMILTON													MONTH - SEP 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	0	2	2	0	0	0	2	0	3	0	1	
2	0	3	2	5	0	0	0	5	0	4	0	0	2	
3	2	2	0	5	3	2	2	3	2	0	1	0	2	
4	2	0	3	13	4	2	3	3	2	2	0	0	3	
5	0	1	2	0	0	0	0	2	0	0	2	0	1	
6	2	0	1	1	1	2	0	0	4	0	0	1	1	
7	3	0	4	0	0	3	0	5	1	0	3	0	2	
8	0	5	0	7	3	3	***	2	5	3	6	2	3	
9	2	1	7	5	4	1	0	0	1	0	0	7	2	
10	2	2	0	3	4	0	0	0	1	0	0	2	1	
11	0	3	0	5	1	2	1	5	0	0	3	1	2	
12	3	2	0	0	0	0	1	0	2	0	1	1	1	
13	2	3	0	2	0	4	2	6	5	2	3	6	3	
14	0	0	4	2	2	0	2	1	4	0	0	2	1	
15	1	0	0	0	2	0	5	2	4	1	3	5	2	
16	0	2	3	4	5	2	2	2	2	2	2	2	2	
17	1	1	0	2	2	0	0	3	0	0	2	0	1	
18	1	2	1	2	5	2	2	3	3	0	5	2	2	
19	0	1	3	1	2	0	2	5	1	2	6	2	2	
20	8	5	5	2	2	3	3	0	2	2	0	4	3	
21	10	1	2	0	0	7	7	0	0	2	2	2	3	
22	0	2	2	3	3	1	0	0	4	0	0	0	1	
23	0	0	0	0	2	0	2	2	5	0	2	2	1	
24	0	0	3	6	1	6	3	2	3	2	1	0	2	
25	2	3	0	5	6	11	5	11	5	3	0	3	5	
26	3	1	2	2	0	0	2	1	3	0	0	0	1	
27	0	1	4	2	0	2	3	2	0	1	2	1	2	
28	2	0	2	2	0	2	3	11	3	5	1	3	3	
29	2	0	5	9	3	4	2	2	2	4	5	5	4	
30	4	2	0	1	5	0	2	5	1	4	3	3	3	
MEAN	2	2	2	3	2	2	2	3	2	1	2	2	2.0	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29015 MERRICK ST HAMILTON													MONTH - OCT 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	3	2	2	2	0	1	0	0	0	2	2	1	
2	3	0	0	3	2	1	2	2	3	2	6	4	3	
3	1	4	7	10	2	***	2	2	11	2	4	0	4	
4	0	5	2	1	2	1	7	2	0	0	1	2	1	
5	1	0	4	0	1	0	2	0	0	1	0	4	3	
6	2	1	6	6	1	1	4	1	4	6	5	3	4	
7	1	2	10	6	8	0	2	8	2	0	2	3	4	
8	4	1	4	5	4	0	11	1	10	0	4	4	3	
9	0	0	1	3	0	5	7	2	2	2	0	4	3	
10	3	1	2	14	8	6	6	10	0	9	4	16	7	
11	8	4	8	4	0	2	4	2	0	0	2	0	3	
12	2	0	1	2	2	0	1	1	1	2	2	1	1	
13	0	1	1	2	0	1	0	0	1	0	0	0	1	
14	0	2	4	7	6	2	2	2	2	1	2	4	3	
15	2	5	2	8	0	2	7	5	6	3	4	6	4	
16	4	4	2	12	10	12	11	11	5	8	6	3	7	
17	7	5	11	16	17	8	2	4	3	2	1	5	7	
18	2	5	1	2	3	0	0	0	2	0	5	1	2	
19	1	1	2	0	0	1	0	0	0	3	1	6	1	
20	1	0	2	1	2	7	***	1	2	2	0	5	2	
21	0	2	0	5	1	8	2	1	2	0	4	2	2	
22	3	2	0	1	2	4	1	0	0	4	2	0	2	
23	2	4	0	6	3	0	2	5	7	2	2	0	3	
24	0	5	7	6	13	5	7	8	14	8	11	9	8	
25	0	2	4	2	9	7	4	1	0	2	2	1	3	
26	0	2	0	0	2	1	0	2	0	1	1	4	1	
27	1	0	2	0	2	0	4	2	1	3	2	2	2	
28	5	2	3	4	4	2	0	2	6	2	2	3	2	
29	0	2	2	2	3	2	2	2	2	3	2	0	2	
30	3	1	1	1	1	1	2	3	1	2	4	2	2	
31	1	0	0	0	4	3	5	1	2	1	0	2	2	
MEAN	2	2	3	4	4	3	3	3	3	2	3	3	2.9	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29015 MERRICK ST HAMILTON													MONTH - NOV 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	6	2	0	2	1	0	2	0	2	1	
2	0	6	0	0	2	0	2	0	0	4	9	2	2	
3	8	8	8	14	9	1	0	2	6	4	4	2	5	
4	0	0	2	2	2	1	2	4	4	1	2	1	2	
5	2	0	1	4	0	4	6	1	2	2	2	1	2	
6	0	0	0	4	1	3	0	***	2	0	0	0	1	
7	2	0	3	3	5	0	0	2	5	0	3	3	2	
8	0	0	3	1	2	2	1	0	0	0	0	5	2	
9	5	3	3	5	2	2	0	3	0	0	2	0	1	
10	0	0	0	0	0	2	0	3	0	0	0	0	1	
11	0	2	0	2	3	2	3	0	2	2	0	0	0	
12	0	0	0	0	0	0	0	0	0	2	0	0	0	
13	0	0	3	3	3	0	3	0	5	5	7	9	3	
14	9	4	3	0	2	0	5	0	0	0	0	0	2	
15	0	0	2	0	0	5	0	0	2	2	2	0	1	
16	0	0	0	0	7	0	2	3	2	0	0	3	1	
17	7	7	7	3	7	2	5	3	3	2	0	7	4	
18	1	5	2	1	3	0	0	0	3	1	0	0	1	
19	0	0	0	0	2	0	0	7	2	1	2	3	1	
20	3	5	0	5	3	5	0	5	0	3	0	5	3	
21	1	2	3	2	2	2	0	4	2	0	0	0	2	
22	2	0	0	0	0	3	0	0	0	0	0	0	0	
23	3	0	2	2	0	5	5	2	4	9	2	2	3	
24	0	2	5	5	3	5	9	2	3	0	0	0	3	
25	0	0	2	1	2	0	2	0	2	0	2	0	1	
26	0	3	0	2	3	5	0	0	9	2	7	2	3	
27	2	0	5	0	0	3	5	3	7	2	2	2	4	
28	7	4	3	3	12	3	4	2	2	5	2	0	1	
29	1	2	0	0	0	2	0	2	3	0	3	0	2	
30	2	0	0	0	0	5	4	5	0	0	0	2	2	
MEAN	2	2	2	2	3	2	2	2	2	2	2	2	2.0	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29015 MERRICK ST HAMILTON

MONTH - DEC 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	2	2	3	3	7	7	12	9	3	7	5
2	0	3	2	7	0	2	0	2	0	0	3	0	2
3	0	0	0	0	0	3	0	2	2	0	2	0	1
4	0	0	0	0	3	***	7	2	8	4	2	0	2
5	6	2	2	3	6	3	4	3	4	3	9	5	4
6	3	2	4	5	3	3	5	5	2	3	0	0	3
7	5	5	2	7	5	9	5	5	4	7	3	2	5
8	4	2	0	2	3	2	0	2	0	0	0	2	1
9	2	3	2	0	1	2	5	2	2	1	1	2	2
10	1	0	2	0	2	0	0	0	2	2	2	0	1
11	0	2	2	7	2	0	0	2	4	2	2	2	2
12	3	0	0	3	2	6	3	4	2	2	3	0	2
13	3	2	1	1	0	1	2	0	0	2	0	0	1
14	0	0	2	2	0	1	0	0	0	0	0	0	0
15	0	0	3	2	1	6	4	10	10	6	3	1	4
16	2	0	0	1	0	4	2	4	5	2	0	4	2
17	0	0	4	1	2	5	6	0	4	0	0	0	2
18	0	0	2	1	2	2	2	2	2	1	2	0	1
19	2	0	2	0	1	2	4	0	4	0	0	4	2
20	4	0	2	0	0	0	2	2	4	2	0	2	2
21	0	0	0	2	2	0	0	6	2	0	2	2	1
22	4	2	4	2	2	1	2	5	5	5	6	2	3
23	6	1	8	4	10	6	2	4	2	2	0	1	4
24	2	2	4	4	4	8	0	2	2	0	0	0	2
25	2	0	3	1	0	1	1	0	6	2	0	0	2
26	0	0	2	1	4	6	0	0	6	0	1	1	2
27	0	4	6	8	2	6	4	6	9	4	10	12	6
28	10	12	6	4	4	1	0	0	2	2	2	4	4
29	2	0	4	3	10	6	7	7	7	0	3	4	4
30	0	0	0	2	0	0	***	2	6	1	2	1	1
31	2	2	2	6	0	5	0	3	0	0	0	0	4
MEAN	2	1	2	3	2	3	2	3	4	2	2	2	2.4

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29015 MERRICK ST HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.6	7	19
FEB	27	2.8	5	21
MAR	31	1.8	4	9
APR	30	2.6	9	19
MAY	31	2.2	5	14
JUN	30	2.6	8	20
JUL	31	2.1	6	11
AUG	31	2.2	6	17
SEP	30	2.0	5	13
OCT	31	2.9	8	17
NOV	30	2.0	5	14
DEC	31	2.4	6	12
YEAR	364	2.4	9	21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29015 MERRICK ST HAMILTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	231	128	7	2	0	0	0	368
FEB	260	64	3	0	1	0	0	328
MAR	338	31	0	0	0	0	0	369
APR	292	56	10	1	0	0	0	359
MAY	324	43	3	0	0	0	0	370
JUN	294	47	14	2	0	0	0	357
JUL	318	49	2	0	0	0	0	369
AUG	320	45	2	1	0	0	0	368
SEP	312	43	4	0	0	0	0	359
OCT	291	65	11	3	0	0	0	370
NOV	302	55	2	0	0	0	0	359
DEC	305	62	3	0	0	0	0	370
YEAR	3587	688	61	9	1	0	0	4246

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
99.0	0	0.0	0.2	1.5	2.4	5.2	6.8	9.3	11.3	21	2.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29017 CHATHAM/FRID HAMILTON

MONTH - JAN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	3	2	0	2	0	3	2	0	2	0	2
2	0	2	2	4	***	***	***	***	***	***	***	***	*****
3							- DATA INVALID -						
4							- DATA INVALID -						
5							- DATA INVALID -						
6							- DATA INVALID -						
7							- DATA INVALID -						
8							- DATA INVALID -						
9							- DATA INVALID -						
10							- DATA INVALID -						
11							- DATA INVALID -						
12							- DATA INVALID -						
13							- DATA INVALID -						
14							- DATA INVALID -						
15							- DATA INVALID -						
16							- DATA INVALID -						
17							- DATA INVALID -						
18	***	***	***	***	***	***	2	2	3	0	3	2	*****
19	4	2	0	2	4	1	3	2	0	2	3	1	2
20	5	1	0	0	1	1	0	3	3	2	0	5	2
21	3	1	1	3	1	5	3	5	5	5	7	3	4
22	2	1	4	5	6	2	7	5	5	2	2	0	3
23	5	1	2	3	5	2	1	2	3	3	0	2	2
24	3	4	3	1	0	5	3	2	3	3	5	5	3
25	2	4	3	4	10	3	3	2	7	2	4	2	4
26	0	3	5	1	0	9	2	0	4	2	2	2	3
27	1	5	1	1	2	2	2	3	3	5	5	3	3
28	2	4	3	3	3	3	3	3	3	3	3	4	3
29	3	2	6	6	5	2	3	2	3	4	2	1	3
30	5	5	1	1	1	***	1	2	2	5	2	0	2
31	0	7	5	3	2	3	6	2	4	2	5	1	3
MEAN	2	3	3	3	3	3	3	3	3	3	3	2	2.7

PERCENTAGE OF DATA VALID - 47.6

PERCENTAGE OF DATA INVALID - 52.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - WC NO 29017 CHATHAM/FRID HAMILTON													
MONTH - FEB 80													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	6	4	4	7	2	5	3	3	2	4	2	4
2	4	1	0	4	2	2	2	7	2	2	2	2	3
3	5	1	2	0	3	2	0	4	3	3	2	0	2
4	3	3	1	5	2	3	5	2	7	4	2	2	3
5	2	7	5	4	5	2	6	5	5	3	1	5	4
6	3	2	5	2	6	3	2	7	7	6	5	3	4
7	1	2	2	4	4	3	1	2	2	0	2	5	2
8	1	0	7	2	7	5	3	2	5	1	3	0	3
9	2	2	1	5	3	3	0	2	0	7	2	0	2
10	2	0	0	6	2	0	0	0	3	1	2	2	2
11	3	3	3	9	4	2	2	4	3	2	0	2	3
12	0	3	1	2	4	6	3	4	2	2	2	5	3
13	1	2	4	4	8	6	2	0	5	7	8	2	4
14	4	3	3	5	6	****	4	2	2	3	3	2	3
15	7	2	0	0	5	1	2	0	6	3	3	3	3
16	2	2	3	0	6	2	3	3	2	2	5	1	3
17	2	2	2	3	2	3	0	1	4	2	2	2	2
18							- DATA UNAVAILABLE -						
19	3	2	5	3	****	1	5	2	6	3	10	11	5
20	7	8	7	17	5	11	7	7	5	6	6	4	8
21	4	7	2	5	3	5	5	4	6	4	3	1	4
22	4	2	3	2	3	2	5	10	9	4	5	2	4
23	3	0	5	2	2	2	1	3	4	3	3	7	3
24	2	0	3	3	2	****	****	****	****	****	****	****	****
25							- DATA UNAVAILABLE -						
26							- DATA UNAVAILABLE -						
27							- DATA UNAVAILABLE -						
28							- DATA UNAVAILABLE -						
29							- DATA UNAVAILABLE -						
MEAN	3	3	3	4	4	3	3	3	4	3	3	3	3.3

PERCENTAGE OF DATA VALID - 76.7

PERCENTAGE OF DATA INVALID - 2.6

PERCENTAGE OF DATA UNAVAILABLE - 20.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - WC NO 29017 CHATHAM/FRID HAMILTON													
MONTH - MAR 80													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA UNAVAILABLE -						
2							- DATA UNAVAILABLE -						
3							- DATA UNAVAILABLE -						
4							- DATA UNAVAILABLE -						
5							- DATA UNAVAILABLE -						
6							- DATA UNAVAILABLE -						
7	3	3	2	8	2	2	7	3	2	4	2	5	4
8	2	2	2	5	1	5	2	2	0	1	3	3	2
9	7	2	4	2	2	6	3	3	0	2	2	2	3
10	5	3	1	3	0	2	3	4	1	4	5	1	3
11	2	3	5	4	2	2	4	4	2	0	0	5	3
12	1	0	5	2	3	4	2	1	9	2	2	7	3
13	3	3	7	3	5	4	2	3	3	0	4	0	4
14	2	5	5	4	3	2	0	3	3	2	2	1	3
15	3	1	0	0	2	1	0	0	0	2	3	3	1
16	6	3	2	2	2	5	2	3	2	0	3	2	3
17	7	7	8	12	8	3	2	3	2	3	3	2	5
18	0	5	1	3	3	****	2	0	4	3	0	0	2
19	2	3	2	5	2	2	2	5	3	1	4	4	3
20	2	3	3	2	4	4	3	1	2	7	10	9	4
21	4	7	11	3	3	9	5	1	1	2	2	1	4
22	1	3	1	2	0	0	0	2	1	7	7	3	2
23	1	0	0	4	0	2	2	0	0	3	3	3	2
24	3	2	0	4	6	3	2	7	5	6	5	9	5
25	3	3	0	5	2	0	2	3	3	2	0	2	2
26	2	2	3	0	0	7	4	1	1	3	3	4	2
27	2	2	5	8	9	2	9	7	2	3	1	0	4
28	3	6	7	9	3	8	9	7	7	5	3	10	6
29	5	6	2	1	3	2	3	3	5	5	4	7	4
30	2	0	6	3	4	6	3	6	3	3	1	6	4
31	6	2	2	5	****	****	2	5	4	5	6	11	5
MEAN	3	3	3	4	3	3	3	3	3	3	3	4	3.2

PERCENTAGE OF DATA VALID - 80.9

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 17.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CONCS/1000 FT	
STATION - WC NO 29017 CHATHAM/FRID HAMILTON													MONTH - APR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	4	6	5	4	5	5	4	0	0	0	1	3	
2	4	2	0	2	0	3	0	0	3	0	2	2	2	
3	3	2	5	3	0	1	3	2	1	1	2	4	2	
4	0	0	3	1	0	0	1	2	1	0	0	0	1	
5	0	3	2	0	1	2	0	0	0	3	2	1	1	
6	2	1	2	0	0	3	0	0	0	1	0	2	3	
7	2	2	8	10	5	0	2	0	3	2	0	2		
8	1	0	2	7	1	0	....	....	....	....	....	....	....
9							DATA INVALID							
10							DATA INVALID							
11	....	....	....	....	....	0	2	1	2	2	2	2	....
12	2	4	2	5	2	2	0	0	0	2	0	0	2	
13	2	0	2	1	1	3	3	0	0	0	0	1	1	
14	0	3	1	2	0	0	0	1	2	0	0	0	1	
15	2	2	3	1	2	0	2	1	0	0	0	0	1	
16	0	2	2	0	0	....	0	0	0	1	1	0	1	
17	0	0	4	4	2	4	0	1	0	0	1	0	1	
18	4	3	0	1	3	0	2	5	4	0	1	4	2	
19	13	7	2	2	3	1	3	7	4	0	2	2	4	
20	3	0	2	0	0	1	2	0	0	5	0	0	1	
21	3	3	10	2	0	3	1	0	0	2	4	0	2	
22	1	2	4	4	5	0	7	8	4	4	1	4	4	
23	1	2	1	0	2	1	9	4	3	0	1	1	2	
24	4	4	3	4	2	2	6	2	3	4	0	0	3	
25	0	0	0	6	8	2	3	0	2	0	2	4	2	
26	3	2	3	5	2	2	9	2	0	0	2	0	3	
27	2	0	4	1	1	0	2	8	4	2	0	5	2	
28	3	1	2	2	2	5	9	8	2	1	3	0	3	
29	5	0	2	0	2	6	7	5	1	2	9	1	3	
30	3	2	1	2	5	2	2	0	3	4	5	3	4	
MEAN	3	2	3	3	2	2	3	2	2	1	1	1	2.0	

PERCENTAGE OF DATA VALID - 90.0

PERCENTAGE OF DATA INVALID - 10.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CONCS/1000 FT	
STATION - WC NO 29017 CHATHAM/FRID HAMILTON													MONTH - MAY 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	7	7	2	4	2	4	0	3	0	2	5	1	3	
2	2	0	7	1	3	1	0	4	5	0	0	1	2	
3	2	2	2	0	0	0	2	0	2	0	3	1	1	
4	2	0	0	0	2	1	0	1	0	2	0	0	1	
5	5	2	2	1	....	5	0	8	0	3	2	2	3	
6	2	0	0	....	....	5	0	0	2	0	0	0	1	
7	1	2	0	0	0	0	2	0	0	0	0	0	0	
8	5	1	2	1	5	1	0	0	0	0	4	1	2	
9	3	2	9	2	1	0	3	0	2	4	2	1	2	
10	4	2	1	2	0	0	0	0	3	2	0	6	2	
11	0	0	2	1	0	0	0	0	0	1	0	1	0	
12	5	2	2	2	3	2	2	11	0	2	2	0	0	
13	2	2	2	4	0	0	2	0	1	0	1	3	1	
14	2	2	0	0	1	0	2	1	1	0	3	0	1	
15	1	0	0	2	2	1	0	2	2	0	0	2	1	
16	0	1	3	9	0	2	0	0	2	0	4	0	2	
17	6	2	2	1	7	5	4	4	2	0	0	5	3	
18	5	8	2	2	0	3	0	0	0	2	0	1	2	
19	0	2	2	0	0	3	0	0	2	4	4	2	2	
20	3	4	1	1	0	7	7	8	0	2	2	2	3	
21	3	6	3	7	6	7	4	2	3	5	1	2	4	
22	2	2	4	....	0	2	1	2	0	3	2	2	2	
23	1	2	6	2	5	2	0	0	0	8	8	2	3	
24	8	6	2	1	2	5	2	2	1	4	2	2	3	
25	2	0	0	0	1	3	2	0	0	1	0	0	1	
26	0	0	0	2	0	0	2	0	0	0	0	0	0	
27	0	6	2	2	0	1	1	1	0	0	3	2	2	
28	2	1	2	0	2	5	3	3	7	3	1	7	4	
29	2	4	4	2	8	4	5	2	3	2	2	4	4	
30	1	2	2	12	19	11	4	2	3	1	0	0	5	
31	0	3	0	0	2	2	0	0	3	0	0	0	1	
MEAN	3	2	2	2	2	3	1	2	2	2	2	2	2.0	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COMS/1000 FT													
STATION - WC NO 29017 CHATHAM/FRID HAMILTON													
MONTH - JUN 80													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	0	1	0	2	2	2	3	2	4	2	2
2	0	3	4	4	7	9	3	2	0	5	8	4	4
3	4	2	0	3	7	1	1	0	0	0	0	0	2
4	0	3	0	0	0	0	0	0	0	0	1	0	0
5	2	0	2	5	2	6	2	3	0	0	2	1	2
6	1	1	2	4	4	4	7	4	1	7	2	1	4
7	0	2	2	2	0	0	2	1	1	1	8	3	2
8	3	0	0	0	0	0	1	2	1	0	0	0	1
9	5	0	2	2	2	0	3	0	3	1	0	2	2
10	1	0	0	3	0	4	0	0	0	4	0	0	1
11	0	0	0	****	****	0	1	1	2	0	0	2	1
12	7	0	0	10	2	1	2	4	0	0	2	1	2
13	0	0	4	1	3	1	2	2	5	2	7	2	2
14	4	3	2	3	3	4	0	0	6	2	1	0	2
15	1	2	0	0	5	0	7	2	0	0	2	4	2
16	1	2	0	7	****	1	2	1	1	1	4	4	2
17	0	4	0	6	1	2	2	0	2	0	1	1	2
18	0	0	6	3	0	2	2	0	2	6	2	6	2
19	0	4	2	5	6	4	10	5	8	0	2	0	4
20	0	0	1	0	0	2	0	0	2	0	0	0	0
21	4	1	1	4	0	0	3	0	5	0	3	2	2
22	0	3	7	2	0	0	0	2	2	0	0	4	2
23	2	1	4	1	2	2	2	0	0	0	4	5	2
24	3	0	8	6	2	2	2	7	1	8	2	2	4
25	6	2	6	2	3	0	1	2	2	1	6	4	3
26	1	2	2	2	2	4	3	2	5	3	4	5	3
27	4	1	0	4	0	9	7	5	0	0	0	2	3
28	0	0	0	2	0	0	1	1	1	1	0	2	1
29	4	9	0	2	1	1	3	3	5	0	3	1	3
30	0	0	2	0	4	0	3	0	0	0	2	1	1
MEAN	2	2	2	3	2	2	2	2	2	1	2	2	2.0

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COMS/1000 FT													
STATION - WC NO 29017 CHATHAM/FRID HAMILTON													
MONTH - JUL 80													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	0	2	0	0	1	0	1	2	1	5	2	2
2	2	0	2	0	2	4	3	1	0	0	6	2	2
3	2	3	2	6	0	2	3	2	4	0	2	2	2
4	4	0	4	2	****	2	4	0	2	0	4	0	2
5	2	2	0	0	2	0	0	2	2	1	0	1	1
6	1	0	1	2	2	2	0	0	2	0	0	0	1
7	0	2	1	2	7	2	0	0	3	0	2	0	2
8	0	1	2	1	5	1	1	1	0	5	0	3	2
9	2	0	1	2	5	3	2	3	0	2	2	0	2
10	7	2	2	3	2	2	0	5	1	0	3	0	2
11	2	2	2	3	2	3	2	0	3	0	2	0	2
12	2	0	0	0	2	0	0	0	2	2	2	0	1
13	3	2	0	0	2	0	0	3	0	2	2	1	1
14	2	3	3	3	0	2	2	1	0	0	0	3	2
15	2	0	0	0	****	5	1	0	4	1	0	3	1
16	0	2	0	3	0	4	0	2	0	3	0	2	1
17	0	2	0	2	2	2	2	1	0	2	3	0	1
18	0	2	0	0	5	2	3	1	0	0	0	2	1
19	0	2	0	3	5	2	0	0	3	2	2	1	2
20	0	3	2	2	0	0	2	0	2	2	0	2	1
21	0	0	2	2	1	1	2	2	0	2	0	2	1
22	0	2	3	1	2	3	3	2	7	0	0	0	2
23	4	0	0	2	0	0	0	2	0	3	3	0	1
24	2	0	0	1	2	2	1	1	0	0	2	1	1
25	1	3	2	0	2	0	0	2	2	0	0	2	1
26	0	2	0	2	0	4	2	9	2	0	1	5	2
27	0	5	0	4	11	5	2	6	2	3	2	0	3
28	3	3	0	5	2	****	2	2	0	3	1	0	2
29	0	2	0	2	0	0	0	1	0	0	1	3	1
30	2	0	2	2	2	2	0	0	0	2	0	1	1
31	2	3	3	2	3	1	0	0	2	4	5	5	3
MEAN	2	2	1	2	2	2	1	2	1	1	2	1	1.6

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CGMS/1000 FT	
STATION - WC NO 29017 CHATHAM/FRID HAMILTON													MONTH - AUG 80	
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	6	0	3	2	0	0	0	2	2	3	2	
2	1	2	2	2	2	1	1	2	2	2	0	1	2	
3	0	0	0	1	0	2	2	0	0	0	0	0	0	
4	0	3	2	0	2	3	1	3	1	3	2	0	2	
5	1	2	2	3	5	0	0	0	2	1	0	2	2	
6	2	0	2	0	3	0	7	3	0	2	2	3	2	
7	2	0	2	2	2	2	3	1	0	0	2	2	2	
8	2	1	1	0	2	3	2	2	1	2	0	0	1	
9	2	0	0	2	1	0	0	2	0	0	0	0	1	
10	3	0	2	2	4	0	0	2	2	2	1	2	2	
11	0	4	7	2	2	3	6	0	7	2	4	2	0	
12	0	2	0	0	3	2	0	3	2	0	1	0	1	
13	0	2	2	2	3	0	1	2	0	1	0	3	2	
14	0	2	2	4	3	2	2	2	1	1	0	0	2	
15	2	0	2	5	***	0	2	0	0	0	0	0	1	
16	0	2	4	0	2	0	0	0	0	0	0	0	1	
17	0	2	2	2	2	2	2	0	2	0	2	0	2	
18	3	3	2	0	0	2	2	0	2	0	2	0	2	
19	3	3	2	3	0	3	0	2	0	5	0	2	1	
20	3	7	2	12	2	9	7	5	2	0	3	2	4	
21	2	2	3	2	2	7	5	5	7	5	0	5	4	
22	3	2	0	5	2	3	3	0	7	0	0	5	3	
23	3	2	2	0	3	0	2	0	0	1	0	0	1	
24	0	2	2	2	2	4	0	0	0	2	2	5	2	
25	3	3	5	9	2	2	0	3	1	0	2	2	3	
26	3	0	2	2	2	3	7	5	5	5	3	3	3	
27	0	2	0	7	1	9	7	0	2	3	2	0	3	
28	3	0	0	2	3	***	2	7	2	2	3	3	2	
29	5	4	2	11	4	0	7	0	3	3	0	4	4	
30	0	3	0	2	2	0	0	3	3	2	2	3	2	
31	3	0	3	0	0	5	4	2	3	0	0	0	2	
MEAN	2	2	2	3	2	2	2	2	2	2	1	2	1.9	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CGMS/1000 FT	
STATION - WC NO 29017 CHATHAM/FRID HAMILTON													MONTH - SEP 80	
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	0	2	0	5	2	2	3	3	2	2	
2	0	0	3	2	2	5	3	5	0	0	2	3	2	
3	2	4	0	7	1	2	2	2	0	0	2	5	2	
4	5	8	5	7	7	5	3	3	3	3	4	1	5	
5	2	0	4	1	8	0	3	4	2	1	2	0	2	
6	0	0	2	2	2	2	0	0	2	2	2	2	1	
7	0	5	2	0	0	2	0	5	0	0	1	7	2	
8	3	0	2	8	3	***	4	2	5	0	3	2	3	
9	10	2	3	2	0	2	2	0	0	0	0	0	2	
10	0	0	5	2	2	3	1	0	0	4	4	2	2	
11	2	2	0	3	0	1	0	0	0	0	2	0	1	
12	0	4	5	1	2	2	2	3	2	0	0	0	2	
13	2	0	2	2	2	0	0	1	2	0	0	2	2	
14	7	4	2	4	1	0	2	0	2	0	0	0	2	
15	0	0	0	0	5	0	2	0	2	0	0	0	2	
16	1	4	3	4	4	0	1	2	2	1	4	9	2	
17	0	0	2	0	0	0	0	4	0	2	4	2	1	
18	3	0	4	0	4	2	1	1	2	0	0	2	2	
19	1	0	2	5	0	2	0	4	0	3	3	2	2	
20	4	11	10	3	2	2	2	2	1	0	2	1	3	
21	5	5	0	0	2	2	0	3	0	0	0	0	1	
22	0	3	1	3	1	1	1	0	1	0	0	0	1	
23	0	0	2	2	0	0	0	0	2	0	1	0	1	
24	0	0	4	3	0	3	0	0	2	2	1	2	1	
25	2	0	2	7	6	9	6	5	3	3	3	0	4	
26	0	2	0	0	3	1	5	2	0	4	0	0	1	
27	0	0	2	3	0	2	1	0	0	2	1	0	1	
28	2	5	5	0	1	3	2	0	1	1	0	0	2	
29	0	1	3	7	5	5	2	2	1	4	13	6	4	
30	5	6	1	2	4	2	2	1	2	2	2	1	3	
MEAN	2	2	3	3	2	2	2	2	1	1	2	2	2.0	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29017

CHATHAM/FRID HAMILTON

MONTH - OCT 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	4	4	3	0	2	2	1	2	1	2	2
2	0	0	3	2	0	0	4	2	2	3	1	1	2
3	2	0	4	7	2	----	0	3	12	0	2	0	3
4	7	2	0	2	0	1	0	2	1	2	4	2	2
5	4	0	2	4	2	2	0	2	0	7	4	3	3
6	0	0	4	1	2	0	1	0	0	3	0	4	1
7	4	1	7	5	1	2	1	2	4	6	5	6	4
8	4	2	2	2	2	0	3	3	2	0	2	4	2
9	1	2	1	7	0	2	0	1	2	4	2	10	3
10	2	7	1	12	6	3	3	5	5	12	9	5	6
11	7	5	1	1	2	8	2	0	5	1	0	4	3
12	0	0	4	1	2	0	0	0	0	2	1	0	1
13	0	0	3	2	1	2	5	2	0	2	1	0	2
14	0	8	1	2	2	2	4	1	2	6	4	0	3
15	0	5	5	7	4	2	4	0	4	5	2	1	3
16	2	3	9	3	3	12	10	7	1	5	8	8	6
17	4	3	9	7	12	3	2	0	2	0	5	2	4
18	0	1	0	4	0	2	0	0	2	0	0	1	1
19	4	0	3	1	2	0	0	4	0	0	2	2	2
20	0	1	5	2	4	0	2	0	2	0	1	2	2
21	0	1	2	2	3	2	1	0	0	1	3	5	2
22	3	0	0	2	2	2	0	0	2	1	1	3	1
23	5	1	1	4	1	2	1	2	0	1	1	3	2
24	4	6	3	8	5	4	4	4	6	7	12	4	6
25	4	8	2	1	4	4	4	0	1	----	-	-	3
26													
27													
28													
29	-	-	-	-	-	----	2	0	0	0	0	1	-----
30	0	2	0	2	0	2	2	7	2	1	2	2	2
31	2	0	2	6	2	0	3	7	2	0	4	0	2
MEAN	2	2	3	4	2	2	2	2	2	3	3	3	2.5

PERCENTAGE OF DATA VALID - 87.6

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 11.6

NOTES 1. "-----" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "-----" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY.

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29017

CHATHAM/FRID HAMILTON

MONTH - NOV 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	0	0	1	1	2	0	0	0	2	5	1
2	1	2	3	2	1	1	0	2	5	4	12	4	3
3	9	4	6	12	13	2	1	2	1	3	2	4	5
4	0	0	5	2	0	3	8	2	3	0	2	0	2
5	0	3	1	2	0	2	4	1	5	2	3	2	2
6	2	0	1	6	----	0	0	3	0	2	0	0	1
7	0	3	0	3	2	0	2	2	5	2	0	0	2
8	0	2	0	0	3	0	2	0	1	3	0	1	1
9	0	2	2	2	1	0	0	5	2	0	0	0	1
10	0	0	0	0	0	0	2	5	0	0	0	0	1
11	1	0	0	5	3	0	0	0	0	2	2	2	1
12	0	2	0	0	2	5	0	0	0	0	1	0	1
13	0	0	2	7	3	2	2	1	2	0	7	5	3
14	9	2	2	3	0	2	2	0	2	2	0	0	2
15	2	2	1	0	0	2	0	2	0	3	0	2	1
16	0	2	1	0	0	2	2	0	0	2	0	3	1
17	3	3	2	3	3	2	2	0	2	2	2	3	2
18	0	0	4	0	2	0	0	0	0	0	0	0	1
19	0	1	2	0	2	2	0	2	0	0	0	0	1
20	0	5	3	2	1	4	0	2	2	0	0	2	2
21	0	2	0	2	2	0	0	0	2	0	0	2	1
22	0	0	0	0	0	3	0	2	0	0	0	0	0
23	2	3	3	2	0	3	0	2	1	2	2	7	2
24	2	3	2	5	3	3	2	0	3	3	2	0	2
25	0	0	0	0	0	0	0	0	2	7	0	3	1
26	0	3	0	2	5	2	3	2	2	13	0	3	3
27	3	5	0	0	0	2	2	1	0	7	2	3	2
28	3	12	2	3	0	0	0	0	0	3	0	0	2
29	0	0	0	0	2	0	7	0	3	0	0	0	1
30	3	0	0	0	0	0	0	----	----	----	----	----	-----
MEAN	1	2	1	2	2	1	1	1	1	2	1	2	1.6

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "-----" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "-----" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29017

CHATHAM/FRID HAMILTON

MONTH - DEC 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5	----	----	----	----	----	----	----	----	0	0	0	0	-----
6	6	0	0	1	4	1	2	2	8	0	0	0	2
7	4	0	0	2	6	0	0	2	4	2	4	4	2
8	2	4	0	0	0	2	0	4	0	0	6	0	2
9	0	0	2	3	0	0	2	1	2	2	4	0	1
10	0	2	0	6	8	2	2	6	8	6	12	4	5
11	2	4	4	2	0	4	2	0	4	0	0	0	2
12	2	2	0	4	4	0	0	4	4	4	2	2	2
13	0	1	4	6	2	0	0	4	0	4	0	0	2
14	2	0	0	0	6	0	0	2	0	2	0	4	1
15	4	2	4	4	1	2	0	0	3	6	2	4	3
16	4	0	0	4	0	0	4	0	0	2	0	1	1
17	3	5	0	4	5	0	0	4	4	4	2	0	3
18	0	1	5	5	2	1	0	4	0	5	0	2	2
19	2	0	0	0	7	1	0	2	2	2	0	6	2
20	4	2	5	0	4	0	4	0	4	6	3	4	3
21	2	4	1	0	1	4	4	2	0	4	4	0	2
22	3	4	6	0	4	6	3	0	5	8	10	8	5
23	6	5	6	6	7	5	4	4	4	6	2	4	4
24	4	2	----	----	----	0	8	0	0	0	5	0	2
25	0	6	0	0	0	0	4	0	6	2	0	4	2
26	0	0	0	0	4	4	4	2	1	0	5	0	2
27	3	8	2	6	2	5	8	8	12	12	10	8	7
28	7	7	10	2	2	4	6	2	10	5	0	0	5
29	4	16	6	6	5	5	4	5	2	0	0	0	4
30	2	0	0	0	----	----	----	----	2	0	0	2	1
31	0	0	2	2	2	2	0	4	4	0	2	0	2
MEAN	3	3	2	3	3	2	2	2	3	3	3	2	2.6

PERCENTAGE OF DATA VALID - 83.1

PERCENTAGE OF DATA INVALID - 16.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ----- INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -- INDICATES DATA IS UNAVAILABLE

3. ----- INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29017

CHATHAM/FRID HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	14	2.7	4	10
FEB	22	3.3	8	17
MAR	25	3.2	6	12
APR	26	2.0	4	13
MAY	31	2.0	5	19
JUN	30	2.0	4	10
JUL	31	1.6	3	11
AUG	31	1.9	4	12
SEP	30	2.0	5	13
OCT	27	2.5	6	12
NOV	29	1.6	5	13
DEC	26	2.6	7	16
YEAR	322	2.2	8	19

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29017 CHATHAM/FRID HAMILTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 COVER	TOTAL
JAN	143	34	0	0	0	0	0	177
FEB	196	68	2	1	0	0	0	267
MAR	225	73	3	0	0	0	0	301
APR	286	37	1	0	0	0	0	324
MAY	323	42	3	1	0	0	0	369
JUN	311	46	0	0	0	0	0	357
JUL	346	22	1	0	0	0	0	369
AUG	332	36	2	0	0	0	0	370
SEP	311	46	2	0	0	0	0	359
OCT	272	48	6	0	0	0	0	326
NOV	324	25	5	0	0	0	0	354
DEC	248	57	3	1	0	0	0	309
YEAR	3317	534	28	3	0	0	0	3882

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
88.4	0	0.0	0.0	1.4	2.3	4.8	6.4	8.1	9.5	19	2.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON

MONTH - JAN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	3	0	2	3	4	1	8	2	1	4	0	2
2	3	2	6	2	***	0	5	2	5	2	0	3	3
3	0	0	0	2	3	3	3	10	3	1	3	0	2
4	2	4	1	5	2	5	1	4	7	6	5	9	4
5	7	1	0	0	3	3	2	5	2	4	1	2	3
6	2	2	2	2	6	1	***	-	-	-	-	-	*****
7							-	-	-	-	-	-	-
8							-	-	-	-	-	-	-
9							-	-	-	-	-	-	-
10							-	-	-	-	-	-	-
11							-	-	-	-	-	-	-
12							-	-	-	-	-	-	-
13							-	-	-	-	-	-	-
14							-	-	-	-	-	-	-
15	3	1	2	2	2	3	0	3	2	0	2	5	2
16	6	13	4	8	3	3	5	4	2	2	3	2	5
17	3	2	2	6	4	11	3	7	3	3	2	0	4
18	0	4	2	7	2	***	0	7	2	3	2	0	3
19	0	2	1	0	0	2	3	3	1	1	3	2	2
20	0	2	2	5	1	4	2	1	4	2	2	1	2
21	5	2	2	2	7	2	5	6	4	2	2	2	3
22	2	3	1	3	1	3	2	5	4	5	2	2	3
23	5	2	0	2	4	5	2	0	4	0	2	7	3
24	2	0	3	2	2	0	2	2	5	5	8	1	3
25	1	2	7	3	5	3	2	3	9	3	4	2	4
26	0	5	3	0	3	2	5	0	1	0	5	0	2
27	2	2	3	2	3	2	2	2	3	3	3	3	3
28	4	5	3	9	0	0	4	4	3	2	6	8	4
29	6	5	7	2	7	3	0	0	3	9	3	2	4
30	10	1	0	2	2	2	2	0	0	4	0	2	2
31	4	2	2	2	3	3	3	0	2	2	1	3	4
MEAN	3	3	2	3	3	3	2	3	3	3	3	3	2.9

PERCENTAGE OF DATA VALID - 73.1

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 25.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON													MONTH - FEB 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	4	2	2	2	2	0	3	3	1	2	2	2
2	1	0	4	2	0	1	0	2	0	2	2	3	1	1
3	2	2	2	0	1	2	6	2	1	2	5	2	2	2
4	1	2	1	2	4	0	0	2	0	2	2	1	1	1
5	0	0	2	4	2	2	1	1	1	3	2	3	2	2
6	1	2	2	1	0	2	2	2	1	2	2	0	2	2
7	1	2	2	2	2	3	2	0	1	3	0	5	2	2
8	2	3	3	0	2	0	0	0	4	2	2	1	2	2
9	2	3	3	2	2	0	2	0	5	4	0	1	2	2
10	2	6	3	3	0	1	2	0	5	4	0	1	2	2
11	4	2	3	5	0	5	1	1	2	2	3	1	3	3
12	2	5	4	2	4	2	3	3	2	3	0	2	3	3
13	8	2	4	7	0	3	2	2	2	3	2	3	3	3
14	2	0	3	4	3	0	4	0	3	0	2	2	2	2
15	7	7	9	2	4	2	6	0	3	1	5	5	4	4
16	1	1	1	4	2	0	2	2	2	2	3	5	2	2
17	3	2	2	2	2	2	0	2	2	2	1	4	2	2
18	2	2	4	2	4	2	4	2	0	4	0	3	2	2
19	5	5	3	4	***	***	0	2	1	3	3	5	3	3
20	2	3	2	2	4	7	2	1	1	2	2	3	3	3
21	3	5	5	5	4	1	0	6	2	1	2	0	3	3
22	2	***	0	2	6	3	2	2	2	1	2	0	2	2
23	0	2	0	2	2	0	0	2	0	2	2	3	1	1
24	2	2	3	0	1	0	1	0	0	1	0	3	1	1
25	0	0	2	0	0	2	0	0	2	0	0	5	1	1
26	0	0	3	2	0	0	2	0	5	1	0	3	1	1
27	1	2	2	0	1	2	0	1	1	2	2	2	1	1
28	0	1	2	2	1	1	0	2	0	2	0	0	1	1
29	2	0	0	0	1	0	2	0	1	0	0	0	1	1
MEAN	2	2	3	2	2	2	2	1	2	2	2	2	2.0	2.0

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON													MONTH - MAR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	1	3	2	0	0	2	0	1	0	0	0	1	1
2	2	3	2	3	1	0	1	1	0	1	0	2	1	1
3	0	2	2	2	1	***	2	2	2	0	2	2	2	2
4	0	3	2	2	1	2	0	2	2	0	5	2	2	2
5	2	3	3	2	3	4	3	5	1	1	0	0	2	2
6	0	3	3	2	1	0	2	0	0	1	2	0	1	1
7	2	0	2	7	3	1	2	1	2	2	2	1	2	2
8	0	0	1	0	1	0	2	1	2	2	3	1	1	1
9	2	2	2	0	0	0	3	1	1	2	1	2	1	1
10	2	1	1	6	2	2	2	2	0	3	0	0	2	2
11	2	0	0	0	1	***	0	0	2	3	0	0	1	1
12	2	1	2	0	0	3	0	0	2	0	3	2	1	1
13	2	0	3	3	1	3	7	2	2	5	1	3	3	3
14	2	2	0	1	0	0	2	0	1	3	1	0	1	1
15	2	0	0	0	0	1	0	1	0	0	1	2	1	1
16	1	0	2	0	4	1	0	1	0	1	0	2	1	1
17	1	3	3	11	3	2	3	1	2	3	0	0	3	3
18	0	0	0	***	5	1	0	2	1	2	3	0	1	1
19	1	1	3	0	0	0	0	0	3	2	2	2	1	1
20	3	2	3	3	2	2	0	0	0	0	2	2	2	2
21	2	1	0	3	0	2	2	0	0	1	0	0	1	1
22	1	1	0	3	0	0	2	0	0	2	0	2	1	1
23	3	1	1	1	0	0	2	1	1	0	0	2	1	1
24	0	0	0	2	0	0	2	3	0	0	3	2	1	1
25	0	1	0	0	2	0	0	2	2	0	3	0	1	1
26	0	3	0	1	2	***	2	3	2	1	2	0	2	2
27	2	2	1	1	2	2	4	6	2	0	7	5	3	3
28	0	0	7	3	2	1	0	6	0	0	0	3	1	1
29	2	1	0	0	0	2	0	0	0	0	0	0	0	0
30	2	2	3	0	3	5	2	10	38	8	3	5	7	7
31	2	2	0	5	***	3	2	2	3	0	0	3	2	2
MEAN	1	1	2	2	1	1	2	2	2	1	1	2	1.6	1.6

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29067 450 HUGHSON ST N, HAMILTON													MONTH - APR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	2	0	2	0	9	0	2	5	5	0	0	2	2
2	3	4	0	3	5	2	2	0	0	3	2	2	2	2
3	0	0	3	2	4	0	5	7	5	0	0	0	2	2
4	5	2	0	0	2	0	0	0	3	0	0	0	1	1
5	0	0	2	0	2	2	2	0	0	0	2	2	1	1
6	2	0	0	0	0	0	2	2	0	0	2	0	1	1
7	2	2	0	3	0	0	2	3	7	0	3	0	2	2
8	2	0	0	2	5	0	3	2	2	0	0	7	2	2
9	3	0	0	2	3	2	0	0	0	0	5	0	1	1
10	0	0	2	4	2	3	0	0	0	0	0	0	1	1
11	2	0	0	0	3	0	0	2	0	0	0	0	1	1
12	0	0	3	0	0	2	5	0	0	0	0	0	1	1
13	0	0	0	0	0	0	0	0	3	3	0	2	1	1
14	0	3	2	0	0	2	3	2	0	0	0	0	1	1
15	0	3	0	0	0	2	0	2	2	0	0	0	1	1
16	0	2	0	0	0	0	...	1	0	0	0	0	1	1
17	2	7	0	7	2	0	5	2	2	3	3	3	3	3
18	4	2	1	2	6	3	2	0	3	0	4	0	2	2
19	0	7	6	4	2	0	0	6	2	3	3	0	3	3
20	2	2	2	1	2	3	3	0	6	1	0	0	2	2
21	2	26	2	2	1	4	0	0	0	0	3	2	4	4
22	2	4	3	0	4	2	2	2	0	0	0	3	2	2
23	0	2	0	0	0	0	3	2	2	0	1	0	1	1
24	4	0	2	2	4	0	3	2	2	2	0	0	2	2
25	0	0	4	2	2	2	0	3	0	0	2	1	1	1
26	8	5	14	5	2	2	0	3	0	0	2	3	4	4
27	7	0	2	0	4	4	2	4	2	2	0	2	2	2
28	2	2	0	2	0	4	2	4	0	2	0	2	2	2
29	4	1	0	2	1	0	2	2	0	3	2	3	2	2
30	2	2	4	2	3	6	3	2	4	3	3	0	3	3
MEAN	2	3	2	2	2	2	2	2	2	1	1	1	1.7	1.7

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - WC NO 29067 450 HUGHSON ST N, HAMILTON													MONTH - MAY 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	8	4	5	2	4	3	2	3	0	4	0	7	4	4
2	5	3	6	0	3	0	5	4	3	...	...	...	3	3
3							DATA INVALID -							
4							DATA INVALID -							
5							DATA INVALID -							
6	...	...	...	...	...	0	0	0	1	1	1	0	...	...
7	1	2	0	1	1	0	2	0	0	1	2	2	1	1
8	1	1	2	0	2	2	0	2	0	0	0	2	1	1
9	0	1	3	4	3	0	3	0	3	0	3	4	2	2
10	3	0	3	1	0	2	0	1	2	1	0	2	1	1
11	2	2	0	1	0	2	0	2	4	0	0	0	1	1
12	0	2	2	3	3	0	4	2	2	2	2	2	2	2
13	2	0	2	2	0	2	2	2	0	1	3	2	2	2
14	2	0	3	0	0	0	1	3	2	0	3	2	1	1
15	3	2	4	0	2	3	0	0	0	2	0	0	1	1
16	1	0	1	1	3	3	0	1	4	0	3	4	2	2
17	3	3	2	2	4	0	2	5	0	2	3	2	2	2
18	1	1	3	1	0	0	3	1	0	2	0	0	1	1
19	0	0	0	0	0	0	3	0	1	0	3	3	1	1
20	3	0	3	2	0	3	2	4	1	3	0	5	2	2
21	3	2	2	3	0	0	6	3	1	0	2	2	2	2
22	3	0	2	5	2	...	0	3	2	0	6	3	2	2
23	2	2	3	2	3	3	6	5	5	5	9	3	4	4
24	5	4	3	3	1	2	2	2	3	0	3	2	3	3
25	2	2	2	0	0	2	3	0	1	0	2	0	1	1
26	0	0	0	0	0	0	0	0	0	0	0	1	0	0
27	1	1	0	1	0	2	2	2	0	3	2	3	1	1
28	3	0	2	2	2	0	3	0	1	0	2	3	2	2
29	2	2	0	1	0	...	0	2	1	0	2	0	1	1
30	0	0	0	2	2	2	0	3	0	2	2	0	1	1
31	0	0	0	1	0	0	3	0	2	0	0	0	1	1
MEAN	2	1	2	1	1	1	2	2	1	1	2	2	1.6	1.6

PERCENTAGE OF DATA VALID - 87.6

PERCENTAGE OF DATA INVALID - 12.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CGMS/1000 FT
STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON													MONTH - JUN 80
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	0	0	0	0	0	2	1	0	2	3	1
2	0	0	2	2	0	5	4	5	5	0	1	2	2
3	2	2	3	0	0	1	3	0	0	0	3	3	2
4	0	0	0	4	0	0	0	0	0	2	0	2	1
5	1	0	3	0	0	2	2	2	0	2	0	1	1
6	0	2	2	2	2	0	2	2	3	2	7	2	2
7	1	0	2	1	3	0	0	2	1	1	1	2	1
8	1	0	0	0	0	0	0	0	1	0	4	0	1
9	2	0	0	0	0	1	0	0	2	0	0	2	1
10	1	3	2	2	0	3	0	0	0	0	1	0	1
11	1	0	2	0	****	1	0	0	0	2	0	6	1
12	2	3	4	5	3	2	2	0	0	1	0	3	2
13	3	3	1	2	1	3	2	6	1	0	3	0	2
14	5	3	2	0	0	1	0	1	1	0	2	2	1
15	3	3	3	3	0	6	2	0	0	2	1	0	2
16	0	2	1	0	4	****	0	2	0	0	2	2	1
17	0	0	1	6	0	0	2	3	0	2	2	0	1
18	0	3	2	2	2	3	2	3	2	0	4	0	2
19	0	0	1	2	1	1	1	2	2	2	0	0	1
20	4	0	1	2	2	0	0	0	4	0	2	0	1
21	1	0	0	0	0	0	2	2	1	2	5	0	1
22	0	1	1	0	2	0	0	0	2	1	1	2	1
23	0	0	2	2	2	3	1	0	0	0	1	1	1
24	8	4	2	5	7	3	3	3	1	4	3	2	4
25	3	3	2	5	0	0	2	2	0	0	2	3	2
26	3	4	2	3	2	2	3	2	2	4	2	3	3
27	2	6	0	2	0	2	1	1	3	0	0	0	1
28	2	2	0	0	1	2	2	1	0	0	0	1	1
29	2	0	0	1	0	2	2	0	1	0	2	0	1
30	0	0	0	1	2	0	1	0	0	3	0	0	1
MEAN	2	1	1	2	1	1	1	1	1	1	2	1	1.4

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CGMS/1000 FT
STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON													MONTH - JUL 80
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	4	4	4	2	0	0	2	0	0	3	3	2
2	1	0	2	0	1	2	2	1	2	2	2	2	1
3	2	0	2	1	1	1	1	2	0	2	2	4	2
4	2	4	2	1	2	***	0	5	2	2	1	4	2
5	2	6	3	0	0	3	0	1	1	0	2	0	2
6	0	2	0	0	0	0	0	2	0	1	0	3	1
7	1	2	2	1	1	1	0	2	1	5	1	0	1
8	0	2	0	3	1	0	0	0	1	2	1	2	1
9	0	2	2	2	2	2	0	1	0	2	1	0	1
10	3	0	4	5	2	1	0	2	1	0	2	0	2
11	2	6	2	2	3	0	2	1	4	0	2	1	2
12	1	0	3	0	0	4	1	4	2	0	4	2	2
13	1	2	2	1	2	0	0	0	2	2	2	2	1
14	4	0	4	6	0	2	0	0	2	9	1	3	3
15	2	4	3	2	2	***	2	3	2	8	2	3	3
16	0	3	4	3	0	0	0	1	2	0	0	5	2
17	0	7	3	0	3	2	1	2	2	1	4	1	2
18	7	2	5	1	2	4	1	4	2	0	3	0	3
19	4	2	0	4	0	4	0	0	3	3	4	0	2
20	6	2	7	2	4	0	2	2	0	0	1	1	2
21	2	1	2	1	1	3	0	0	3	3	0	4	2
22	3	2	2	2	0	1	2	0	0	2	3	2	2
23	2	0	0	3	0	0	0	0	2	0	4	2	1
24	4	1	8	0	0	1	2	1	6	0	0	2	2
25	3	1	10	0	0	2	0	1	1	0	4	2	2
26	4	2	0	4	1	6	10	2	2	3	0	3	3
27	0	5	2	2	2	1	3	1	4	0	1	0	2
28	2	7	2	5	***	2	0	2	1	2	0	0	2
29	2	0	4	1	2	0	2	0	4	4	0	2	2
30	3	2	2	0	3	1	1	0	0	0	5	3	2
31	0	3	3	2	0	2	2	1	4	0	0	0	1
MEAN	2	2	3	2	1	2	1	1	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON														MONTH - AUG 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	3	2	7	4	6	4	0	3	2	3	3	1	3		
2	1	0	1	2	2	2	3	0	0	0	0	2	1		
3	1	0	2	2	0	0	0	0	0	0	0	1	1		
4	3	0	3	0	5	0	2	2	2	1	3	2	2		
5	0	1	5	4	6	4	2	2	2	0	0	0	2		
6	0	0	2	2	2	0	0	0	0	0	0	0	2		
7	6	2	4	0	0	1	0	0	1	3	2	2	1		
8	3	2	2	5	4	0	3	3	3	0	3	2	2		
9	0	5	0	1	1	5	5	3	0	0	3	2	2		
10	0	0	0	2	0	0	0	1	0	0	2	2	1		
11	0	2	0	1	1	1	1	3	0	3	0	0	1		
12	6	1	1	2	4	2	0	0	0	2	2	0	2		
13	0	2	2	0	0	2	0	0	2	5	1	0	1		
14	3	1	1	2	6	6	4	0	1	0	2	0	2		
15	0	0	0	0	1	0	0	2	2	3	2	4	1		
16	3	0	0	5	0	0	0	3	2	2	0	3	2		
17	0	0	3	0	3	0	0	0	1	3	0	0	1		
18	2	2	0	0	0	3	0	2	2	7	5	2	2		
19	5	3	3	2	2	2	3	3	0	4	-	-	3		
20	-	-	-	-	-	****	3	0	2	5	2	0	*****		
21	7	3	0	5	2	2	3	4	1	0	2	0	2		
22	2	3	2	3	0	5	0	2	0	0	0	2	2		
23	5	4	3	0	2	0	5	5	0	0	2	3	2		
24	1	0	0	0	0	2	0	0	3	2	0	7	1		
25	2	2	3	3	7	5	0	2	2	2	0	2	3		
26	0	3	3	2	0	2	7	3	2	5	3	5	3		
27	3	7	3	2	7	1	3	2	7	0	5	0	3		
28	2	2	2	3	0	****	0	2	0	0	2	0	1		
29	2	0	5	3	0	2	2	3	3	3	0	0	2		
30	3	2	0	3	2	0	7	1	2	3	1	0	4		
31	3	2	0	1	0	0	4	0	2	2	5	3	2		
MEAN	2	2	2	2	2	2	2	2	1	2	2	2	1.8		

PERCENTAGE OF DATA VALID - 97.6

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON														MONTH - SEP 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	0	0	2	0	0	5	0	2	0	0	4	1		
2	3	2	2	2	2	3	3	0	3	0	2	3	2		
3	0	2	3	0	0	0	5	2	0	3	5	3	2		
4	7	12	3	2	5	2	0	3	2	2	2	2	4		
5	2	2	2	2	2	0	2	0	7	0	2	5	2		
6	0	4	0	3	0	0	0	0	0	0	0	0	1		
7	2	5	3	0	5	2	0	0	0	3	3	0	1		
8	2	3	3	5	5	2	***	2	3	2	3	0	2		
9	4	5	4	3	2	0	3	0	1	1	0	6	3		
10	5	2	0	1	0	1	0	0	0	1	0	3	1		
11	1	1	1	2	0	2	2	2	1	2	0	4	2		
12	5	2	0	0	0	2	3	0	0	4	0	2	2		
13	0	4	0	4	0	2	0	2	1	2	3	3	2		
14	1	0	8	0	1	0	0	0	0	0	0	2	1		
15	0	0	2	1	3	2	2	2	2	2	0	1	1		
16	0	0	4	3	2	2	0	5	3	4	3	1	2		
17	3	2	0	0	2	1	2	3	0	2	0	2	1		
18	0	2	1	6	2	0	3	1	1	2	3	1	2		
19	2	2	1	0	2	3	5	6	3	4	3	2	3		
20	6	9	4	0	2	2	0	4	2	2	3	2	3		
21	2	4	2	0	2	0	3	1	0	2	2	2	2		
22	4	2	0	3	1	2	0	0	2	2	2	5	2		
23	2	0	3	0	0	1	0	3	3	4	0	3	2		
24	1	0	3	0	3	0	2	0	2	0	4	5	2		
25	2	2	2	8	10	12	8	1	3	2	4	2	5		
26	0	2	1	0	2	0	0	0	0	0	2	4	1		
27	0	3	1	4	2	2	0	1	0	2	2	2	2		
28	0	7	3	1	3	2	1	3	2	2	2	1	2		
29	0	1	3	11	2	0	2	5	2	4	2	4	3		
30	5	10	4	6	3	4	2	2	1	0	1	2	3		
MEAN	2	3	2	2	2	2	2	2	2	2	2	3	2.0		

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CONCS/1000 FT	
STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON													MONTH - OCT 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	0	6	1	1	2	2	3	1	0	2	2	2	
2	2	2	0	2	1	2	1	0	0	2	0	4	1	
3	8	2	3	2	2	***	2	4	4	2	0	2	3	
4	1	0	0	0	0	6	4	1	0	0	2	2	1	
5	0	0	0	0	0	0	0	0	0	2	3	0	0	
6	0	1	2	4	2	0	0	3	2	0	8	0	2	
7	0	4	7	5	0	0	4	1	1	2	7	9	3	
8	2	4	3	7	2	2	0	2	4	1	0	0	2	
9	3	2	0	0	0	2	2	0	3	2	0	1	1	
10	1	9	11	7	4	2	1	1	2	0	2	6	4	
11	10	3	1	1	2	3	0	0	0	6	0	0	2	
12	4	1	3	0	0	0	2	2	0	0	2	1	1	
13	2	2	2	0	1	0	1	2	2	0	2	2	1	
14	2	0	2	3	3	0	2	3	0	2	2	4	2	
15	0	10	4	1	0	0	2	0	1	0	4	3	2	
16	3	2	1	1	2	2	2	2	2	2	4	0	2	
17	2	1	2	5	2	5	4	2	3	2	2	14	4	
18	5	2	0	2	0	0	0	4	2	1	0	2	2	
19	3	3	0	2	1	3	0	0	1	1	1	0	1	
20	5	0	0	3	2	***	4	0	1	3	0	3	2	
21	2	4	0	6	0	2	2	0	0	1	3	1	2	
22	2	1	4	5	0	0	2	0	2	4	0	0	2	
23	2	1	2	1	0	2	0	0	0	2	2	3	1	
24	3	0	2	3	0	2	4	5	2	3	9	3	3	
25	3	0	0	0	0	4	2	1	0	0	0	2	1	
26	0	0	0	0	2	0	0	0	1	0	1	0	0	
27	1	2	3	1	0	1	3	2	2	0	3	2	2	
28	2	3	0	5	0	0	1	2	0	0	2	2	1	
29	2	7	2	2	5	0	2	2	0	2	2	2	2	
30	1	2	0	6	2	2	4	1	2	1	3	2	2	
31	2	2	3	3	1	2	1	2	0	2	2	2	2	
MEAN	2	2	2	3	1	1	2	1	1	1	2	2	1.9	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CONCS/1000 FT	
STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON													MONTH - NOV 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	1	0	1	0	0	0	0	0	2	1	0	0	
2	2	1	0	3	0	0	0	0	5	8	2	4	2	
3	7	5	6	10	4	7	1	3	6	0	6	2	5	
4	2	2	1	0	2	0	1	2	4	2	0	3	2	
5	0	2	1	1	3	0	0	1	0	0	2	2	1	
6	1	0	3	3	0	***	1	3	4	2	3	1	2	
7	2	0	7	4	4	7	0	4	6	3	1	2	3	
8	0	0	1	4	0	1	0	1	3	2	1	4	1	
9	5	4	2	3	4	2	1	2	0	2	0	2	2	
10	1	0	2	0	0	2	1	0	1	0	0	0	1	
11	1	0	1	2	2	0	2	1	0	1	3	0	1	
12	0	1	1	1	2	2	0	0	2	7	2	2	2	
13	4	3	2	3	0	2	8	2	3	8	5	0	4	
14	6	6	4	2	2	1	0	2	2	2	2	0	2	
15	2	2	0	6	2	0	4	2	1	0	0	2	2	
16	1	0	1	3	1	0	1	0	6	2	0	7	3	
17	4	4	9	6	4	1	3	2	1	2	0	2	3	
18	1	2	0	2	0	2	0	4	0	1	2	2	1	
19	0	4	1	6	0	2	3	6	1	3	2	2	3	
20	4	5	7	8	4	6	2	4	6	4	2	2	5	
21	5	0	5	4	2	4	2	0	4	3	0	2	3	
22	0	3	1	0	3	2	2	2	0	1	4	2	2	
23	4	2	2	5	7	2	2	5	1	8	0	4	4	
24	4	1	7	4	2	3	2	2	2	2	2	1	3	
25	0	2	0	0	2	0	1	0	2	0	2	4	1	
26	6	2	6	5	6	2	4	1	5	2	2	7	4	
27	6	2	6	3	6	4	2	6	6	1	6	6	5	
28	8	2	8	4	2	7	0	2	4	4	2	4	4	
29	2	2	0	1	1	4	1	0	3	0	0	3	1	
30	0	0	4	2	2	2	0	0	2	1	0	1	1	
MEAN	3	2	3	3	2	2	1	2	3	2	2	3	2.4	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON														MONTH - DEC 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	4	3	3	3	4	6	2	6	2	9	2	2	4		
2	2	0	0	2	5	0	2	4	2	0	1	0	2		
3	4	1	2	0	1	4	1	2	4	1	3	0	2		
4	1	1	0	2	2	4	1	6	0	5	4	3	2		
5	1	5	3	4	3	6	7	0	0	2	5	2	3		
6	2	4	9	2	7	4	0	0	4	1	4	5	4		
7	2	2	4	8	5	2	2	5	9	9	6	2	5		
8	4	2	0	6	2	0	5	0	0	2	2	0	2		
9	2	2	5	4	0	2	0	2	3	5	3	0	2		
10	6	4	3	8	4	3	8	4	0	3	0	2	4		
11	1	1	2	3	10	1	0	2	5	1	6	3	3		
12	2	4	1	6	4	2	4	2	4	3	2	2	3		
13	0	3	8	1	4	0	1	1	6	3	1	1	3		
14	0	4	2	6	3	6	0	0	1	3	2	2	2		
15	0	3	3	5	11	3	3	1	1	6	3	2	3		
16	3	3	4	2	2	1	0	6	5	1	3	2	3		
17	2	2	2	7	2	6	2	5	6	0	1	2	3		
18	1	2	1	4	2	1	2	0	2	1	0	2	2		
19	1	1	0	0	5	0	2	1	0	0	2	2	1		
20	2	2	2	2	4	4	2	1	1	0	0	1	2		
21	2	0	2	1	1	2	2	3	2	1	1	2	2		
22	4	8	3	12	4	1	2	3	5	3	4	7	5		
23	8	7	6	6	4	4	2	3	2	4	2	9	5		
24	2	4	6	6	4	2	0	1	3	1	2	2	3		
25	2	5	0	6	4	3	1	1	2	0	6	3	3		
26	0	1	2	0	2	0	2	0	4	6	1	3	2		
27	2	7	7	7	6	2	0	0	0	0	0	0	3		
28	0	10	5	6	5	2	4	3	4	2	6	6	4		
29	2	4	0	6	12	7	4	1	6	2	5	3	4		
30	1	2	1	3	0	1	***	0	2	4	1	1	1		
31	2	0	2	0	1	2	2	2	2	2	3	2	2		
MEAN	2	3	3	4	4	3	2	2	3	3	3	2	2.8		

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	22	2.9	5	13
FEB	29	2.0	4	9
MAR	31	1.6	7	38
APR	30	1.7	4	26
MAY	27	1.6	4	9
JUN	30	1.4	4	8
JUL	31	1.8	3	10
AUG	30	1.8	3	7
SEP	30	2.0	5	12
OCT	31	1.9	4	14
NOV	30	2.4	5	10
DEC	31	2.8	5	12
YEAR	352	2.0	7	38

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29067 450 HUGHSON ST N. HAMILTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	219	51	2	0	0	0	0	272
FEB	315	30	0	0	0	0	0	345
MAR	348	17	1	0	0	1	0	367
APR	330	27	1	0	1	0	0	359
MAY	309	17	0	0	0	0	0	326
JUN	342	16	0	0	0	0	0	358
JUL	346	23	0	0	0	0	0	369
AUG	324	39	0	0	0	0	0	363
SEP	323	33	3	0	0	0	0	359
OCT	341	27	2	0	0	0	0	370
NOV	303	56	0	0	0	0	0	359
DEC	295	72	3	0	0	0	0	370
YEAR	3795	408	12	0	1	1	0	4217

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.0	0	0.0	0.0	1.3	2.0	4.0	5.4	6.9	8.2	38	2.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS. SCARBORO

MONTH - JAN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	3	3	2	0	4	0	0	0	0	3	1	2
2	0	0	2	0	0	2	0	1	1	0	2	0	1
3	1	2	0	0	0	1	0	0	1	0	0	2	1
4	1	2	0	0	2	----	0	0	2	0	2	2	1
5	1	2	2	0	0	0	2	0	2	2	0	0	1
6	0	0	2	2	0	0	0	0	0	0	0	0	0
7	2	0	0	0	0	0	1	0	0	0	0	0	0
8	0	0	0	2	0	0	0	0	0	0	0	0	0
9	0	2	1	0	0	2	2	0	0	2	2	2	1
10	2	0	0	2	3	1	2	0	0	2	2	0	1
11	0	2	0	0	0	0	2	0	2	2	3	2	1
12	0	0	0	0	0	0	0	0	1	0	2	0	0
13	0	0	0	0	2	0	0	2	0	0	0	0	0
14	0	2	0	2	0	2	0	2	2	3	0	0	1
15	0	0	0	4	0	2	1	0	0	0	0	0	0
16	1	0	3	0	0	2	0	0	0	0	3	2	1
17	0	0	2	0	0	0	2	0	0	0	2	0	0
18	0	0	0	0	0	0	2	0	0	0	0	0	1
19	0	0	2	2	0	2	0	2	0	0	2	0	1
20	0	0	2	0	0	0	0	2	0	0	2	1	1
21	0	0	2	0	3	0	----	2	0	1	2	0	1
22	0	0	0	0	0	0	0	0	0	2	2	0	0
23	0	0	0	0	2	0	0	2	0	0	1	1	1
24	0	0	2	0	0	0	1	2	3	3	3	5	2
25	4	2	0	2	0	3	4	5	2	3	2	3	3
26	2	0	0	0	0	0	2	0	0	0	3	0	1
27	0	0	3	2	0	0	2	0	0	0	0	0	1
28	0	2	0	3	0	2	0	0	0	0	0	0	1
29	0	2	0	0	0	0	0	----	3	2	2	0	1
30	0	2	0	0	0	2	2	0	0	2	0	2	1
31	0	2	2	0	0	2	0	2	0	0	3	2	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 33019

MET BRANCH SCARBOROUGH BLUFFS, SCARBORO

MONTH - FEB 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	0	0	0	2	2	2	0	2	2	1
2	0	0	0	0	0	0	2	0	0	0	0	2	0
3	0	0	3	0	0	0	0	2	2	0	2	0	1
4	0	0	0	0	0	0	0	2	0	0	0	0	0
5	0	0	0	0	2	4	0	0	2	0	3	0	1
6	2	0	0	2	1	2	0	0	2	3	0	4	1
7	0	0	0	3	0	2	0	3	0	1	0	1	1
8	2	0	2	2	3	0	0	2	0	0	0	1	1
9	3	0	5	0	0	1	0	2	6	1	3	1	2
10	2	2	0	1	2	1	3	0	1	2	0	0	1
11	2	3	4	1	5	1	4	2	4	2	0	0	2
12	5	2	2	0	4	4	1	2	4	3	2	4	4
13	1	4	2	0	1	3	3	1	0	1	1	2	2
14	3	3	3	2	2	5	0	2	0	1	3	3	2
15	2	5	3	1	5	1	1	2	0	0	1	2	2
16	1	2	1	2	0	1	0	2	1	0	2	4	1
17	2	1	0	2	2	4	1	3	2	2	0	0	2
18	5	0	4	1	2	3	1	3	0	3	1	3	2
19	0	3	1	6	0	3	2	4	5	1	1	3	2
20	1	0	0	2	2	2	7	4	3	2	4	2	2
21	4	3	1	2	4	2	0	4	0	1	1	0	2
22	0	2	3	0	0	2	2	1	3	0	0	0	1
23	5	1	4	2	0	1	1	1	1	4	0	2	2
24	2	1	0	0	0	0	1	1	2	0	1	2	1
25	2	2	0	0	0	8	14	7	4	4	2	0	4
26	4	1	1	3	2	2	2	2	3	0	2	0	2
27	2	2	2	1	1	2	2	2	1	0	2	1	2
28	0	3	1	0	2	0	2	0	0	2	3	0	1
29	1	0	1	0	2	2	3	0	2	0	2	2	1
MEAN	2	1	1	1	1	2	2	2	2	1	1	1	1.5

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 33019

MET BRANCH SCARBOROUGH BLUFFS, SCARBORO

MONTH - MAR 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	3	0	0	1	4	1	0	4	1	0	2	1
2	2	2	3	2	0	2	0	1	2	1	1	2	2
3	2	0	0	2	3	0	4	0	0	3	0	0	1
4	3	4	0	0	*****	0	1	4	3	1	3	2	2
5	1	3	1	4	3	3	2	3	2	2	2	0	2
6	1	1	2	1	4	1	1	2	2	1	0	3	2
7	2	0	3	0	0	5	1	2	0	2	3	1	2
8	0	2	0	3	0	0	2	1	1	2	3	3	1
9	6	0	0	0	0	2	0	3	4	0	2	2	2
10	2	0	1	6	7	8	9	5	4	2	3	2	4
11	0	2	0	3	1	2	0	4	0	2	0	1	1
12	0	0	2	1	3	0	4	0	0	2	2	1	1
13	0	4	1	0	0	2	3	2	4	2	0	0	2
14	1	4	0	0	7	*****	2	4	0	0	2	3	2
15	3	0	0	3	0	2	2	5	2	1	0	3	2
16	1	3	3	4	2	0	2	2	0	4	1	5	2
17	1	0	4	0	5	10	6	3	5	2	2	2	4
18	0	3	4	3	1	4	1	4	1	2	2	2	2
19	1	3	3	2	3	3	0	0	2	2	6	2	2
20	1	2	0	0	3	4	4	1	3	1	1	0	2
21	3	2	2	3	2	7	2	4	7	2	3	1	3
22	0	2	0	3	1	3	2	2	0	0	0	3	1
23	0	0	5	2	2	0	2	1	4	1	3	1	2
24							DATA UNAVAILABLE						
25							DATA UNAVAILABLE						
26							DATA UNAVAILABLE						
27						2	3	0	0	2	2	0	*****
28	3	3	2	0	0	3	1	2	0	0	3	5	2
29	1	3	0	4	1	0	4	3	0	1	2	1	2
30	3	2	0	5	1	2	2	0	0	0	2	2	2
31	2	3	4	3	1	0	3	0	0	3	2	3	2
MEAN	1	2	1	2	2	3	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 88.4

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 11.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS, SCARBORO													MONTH - APR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	2	3	0	3	1	2	1	2	2	3	2	
2	2	3	1	2	2	9	3	5	3	2	3	2	3	
3	0	0	2	4	4	2	2	2	4	1	3	4	2	
4	1	4	2	0	1	3	2	2	3	4	2	5	2	
5	0	2	2	0	0	2	0	2	1	2	0	4	1	
6	2	0	0	2	0	1	3	3	0	0	3	0	1	
7	4	1	0	2	5	1	3	0	2	2	0	2	2	
8	0	5	1	2	5	2	0	2	2	0	5	1	2	
9	4	1	3	0	1	0	5	1	2	0	0	2	2	
10	3	1	0	2	2	2	6	2	2	0	4	2	2	
11	2	2	0	2	2	0	0	3	2	0	2	0	1	
12	3	3	3	3	3	0	2	2	2	0	2	7	3	
13	2	2	2	1	3	2	0	5	2	0	2	0	2	
14	0	0	2	4	1	2	0	4	1	5	3	4	2	
15	1	3	2	0	4	1	0	0	0	0	2	0	1	
16	3	2	2	0	3	2	0	1	3	2	2	3	2	
17	0	2	5	8	2	****	4	2	3	0	1	1	3	
18	2	6	2	2	2	3	0	6	3	1	0	6	3	
19	1	2	2	0	6	2	1	1	2	3	1	2	2	
20	4	1	1	0	7	0	6	1	2	0	0	0	2	
21	3	0	0	4	1	0	2	0	0	2	1	0	1	
22	7	1	0	0	0	2	3	0	0	3	2	3	2	
23	2	0	0	1	6	2	2	3	0	0	2	4	2	
24	0	2	3	0	4	2	2	2	1	0	1	3	2	
25	2	0	1	3	0	0	6	3	0	2	0	3	2	
26	3	4	2	5	0	0	0	3	7	0	3	2	2	
27	2	4	0	0	2	1	2	1	2	3	2	0	2	
28	3	1	0	3	0	5	0	0	0	0	2	0	1	
29	3	2	1	0	1	0	0	0	0	0	2	2	1	
30	0	0	0	4	****	0	3	6	0	4	3	3	2	
MEAN	2	2	1	2	2	2	2	2	2	1	2	2	1.9	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS, SCARBORO													MONTH - MAY 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	2	4	4	2	8	3	0	4	3	4	2	
2	2	2	4	3	3	6	2	3	0	1	7	4	3	
3	2	0	3	2	3	3	2	0	2	2	3	2	2	
4	0	1	0	1	2	5	2	0	3	2	3	3	2	
5	2	2	3	2	2	5	6	2	1	8	2	0	3	
6	1	6	4	0	3	5	3	3	0	5	2	2	3	
7	0	0	1	2	8	9	10	3	4	2	0	0	3	
8	4	2	0	3	2	6	3	4	2	2	2	4	3	
9	2	3	2	0	0	2	2	2	4	2	2	1	2	
10	5	3	0	2	2	0	2	1	0	2	2	0	2	
11	0	2	0	2	2	2	2	0	2	2	0	0	1	
12	0	4	2	2	2	6	2	5	2	3	2	3	3	
13	2	0	1	0	5	0	2	2	4	3	***	***	2	
14	****	****	****	****	2	0	1	1	0	5	2	1	2	
15	6	0	2	2	2	6	6	2	2	5	1	4	3	
16	2	2	4	3	11	7	9	2	3	1	1	6	4	
17	5	4	4	4	2	0	2	2	2	5	2	0	3	
18	2	0	1	0	2	1	2	4	0	2	0	6	2	
19	4	2	0	2	2	2	3	2	2	3	2	2	2	
20	1	0	3	7	2	3	3	2	3	0	4	0	2	
21	3	4	11	5	7	4	6	3	3	5	3	4	5	
22	7	8	7	4	12	13	5	5	2	2	9	8	7	
23	4	9	5	6	3	6	6	2	8	5	8	6	6	
24	6	3	5	3	5	2	2	6	7	2	2	2	4	
25	3	2	5	8	3	3	5	1	4	5	0	5	4	
26	2	2	2	2	4	2	0	1	1	2	2	0	2	
27	0	0	2	1	2	5	1	2	3	2	4	0	2	
28	3	4	0	****	3	0	7	7	0	2	2	3	3	
29	2	2	0	9	8	2	5	4	0	2	2	1	3	
30	2	2	2	0	7	6	6	6	4	5	4	4	4	
31	3	1	3	3	3	0	3	4	2	0	3	1	2	
MEAN	3	2	3	3	4	4	3	3	3	3	3	3	2.9	

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COMS/1000 FT													
STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS. SCARBORO													
MONTH - JUN 80													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	1	2	2	2	0	1	2	0	6	0	4	2
2	1	2	2	2	2	1	1	2	0	1	0	2	2
3	1	0	2	0	5	0	0	2	0	0	0	0	1
4	2	0	2	4	2	0	2	5	3	0	0	0	2
5	0	0	2	4	0	2	1	4	2	0	2	2	1
6	0	3	2	0	0	0	3	0	0	3	1	2	1
7	2	3	2	0	0	1	4	3	2	2	3	2	2
8	3	0	0	0	2	2	2	0	0	0	2	2	1
9	0	0	2	3	4	0	3	0	0	0	3	0	1
10	2	0	3	0	2	3	1	0	4	2	3	3	2
11	2	2	2	5	9	6	9	3	2	6	0	5	5
12	2	3	3	4	****	6	6	2	1	2	0	0	3
13	2	0	3	2	13	9	5	5	4	4	5	2	5
14	2	0	5	1	2	2	0	1	2	3	2	2	2
15	2	2	2	4	2	2	0	1	1	0	1	1	2
16	0	1	2	0	7	8	3	4	2	3	0	0	3
17	2	2	0	3	10	2	3	2	0	0	3	2	2
18	4	2	0	0	2	6	8	4	5	1	1	3	3
19	0	0	2	2	2	2	2	2	0	3	4	0	2
20	1	0	0	1	0	0	0	1	2	2	0	1	1
21	2	8	1	0	0	0	0	3	0	2	1	0	1
22	0	0	0	0	2	1	2	1	2	0	0	0	1
23	0	1	0	3	9	6	6	5	0	2	1	3	3
24	2	3	4	6	3	7	4	9	10	4	5	2	5
25	4	4	3	10	5	5	6	2	2	3	2	1	4
26	4	2	0	2	4	2	2	2	5	2	3	2	3
27	0	4	5	3	2	2	2	2	2	1	2	2	2
28	1	2	2	0	1	2	1	2	0	0	0	0	1
29	1	0	2	0	0	0	0	0	0	0	0	2	0
30	2	2	4	0	0	5	2	0	0	3	0	2	4
MEAN	1	2	2	2	3	3	3	3	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COMS/1000 FT													
STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS. SCARBORO													
MONTH - JUL 80													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	0	2	2	2	2	1	0	4	2	1	2
2	1	1	4	0	5	3	0	3	7	1	0	2	2
3	1	0	0	4	****	7	5	0	0	4	1	4	2
4	2	2	1	2	3	0	5	2	0	2	0	2	2
5	0	1	2	0	1	2	1	1	1	0	2	0	1
6	0	2	0	0	0	0	3	0	0	1	0	0	1
7	4	0	0	2	12	5	3	4	0	2	4	2	3
8	0	1	2	5	4	2	4	0	2	1	3	0	2
9	5	3	0	0	1	0	2	2	0	2	0	1	1
10	2	0	0	4	2	5	2	2	2	2	3	0	2
11	2	2	4	6	2	2	0	3	6	1	3	0	3
12	1	1	0	1	2	3	0	1	1	1	1	0	1
13	0	0	1	0	0	1	3	0	3	0	0	1	1
14	2	2	0	4	1	2	2	2	2	2	0	6	2
15	2	2	2	0	5	3	2	2	3	4	1	3	2
16	2	5	2	2	3	2	4	3	4	2	1	1	3
17	2	0	0	0	2	3	6	1	4	0	2	1	2
18	1	1	0	1	0	2	4	0	1	0	1	2	1
19	0	1	4	0	0	0	2	4	0	1	6	0	2
20	6	0	2	2	2	0	3	0	5	2	2	2	2
21	0	2	1	1	2	0	3	3	0	1	1	6	2
22	0	2	0	0	2	0	2	1	0	1	1	0	1
23	4	0	3	5	1	1	0	1	0	3	0	0	2
24	0	1	2	2	2	6	2	3	2	0	0	2	2
25	3	0	1	1	1	1	0	0	2	0	0	1	1
26	2	3	2	2	2	0	2	2	0	0	0	2	1
27	3	3	0	0	2	0	3	0	0	0	0	2	1
28	0	2	0	0	2	1	0	2	0	0	0	2	1
29	0	2	0	4	1	0	0	6	2	6	2	2	2
30	2	1	2	4	0	3	2	2	0	1	1	1	2
31	5	0	2	5	0	2	2	1	2	1	0	2	2
MEAN	2	1	1	2	2	2	2	2	2	1	1	2	1.7

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 33019

MET BRANCH SCARBOROUGH BLUFFS. SCARBORO

MONTH - AUG 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7	0	2	2	7	5	2	***	2	2	4	1	0	2
8	2	0	1	0	2	2	4	0	1	2	3	1	2
9	0	2	0	0	3	0	0	1	1	2	0	0	1
10	2	0	1	2	0	2	0	0	0	1	0	2	1
11	0	0	0	0	0	2	2	2	0	0	1	1	1
12	2	0	0	4	4	2	0	2	1	1	1	2	4
13	4	0	0	2	2	3	1	2	1	2	2	0	2
14	2	0	0	0	2	4	1	1	2	2	1	2	1
15	2	1	2	3	0	1	0	2	0	0	0	0	1
16	0	0	0	0	2	0	4	2	2	0	0	0	1
17	0	3	2	0	5	2	0	2	0	1	2	2	2
18	0	2	0	0	0	2	0	0	0	2	0	0	1
19	0	0	3	2	3	2	0	4	3	2	5	3	2
20	2	1	2	2	2	0	***	0	0	4	0	1	1
21	0	0	1	1	2	2	1	1	2	1	0	3	1
22	1	6	0	2	2	0	2	0	2	2	0	0	1
23	0	2	2	0	2	0	1	1	1	0	0	0	1
24	0	0	0	0	0	0	2	2	0	0	0	0	0
25	0	2	0	1	0	2	1	4	0	3	1	1	1
26	5	3	4	2	0	3	0	2	4	7	2	2	3
27	0	2	5	3	7	4	4	2	4	3	5	0	3
28	2	0	0	0	2	5	0	0	0	2	0	2	1
29	2	2	0	0	0	3	1	0	0	1	1	2	1
30	1	0	2	0	0	0	0	0	1	1	2	1	1
31	0	0	0	0	1	3	2	3	2	3	2	0	1
MEAN	1	1	1	1	2	2	1	1	1	2	1	1	1.3

PERCENTAGE OF DATA VALID - 80.1

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 19.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 33019

MET BRANCH SCARBOROUGH BLUFFS. SCARBORO

MONTH - SEP 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	0	3	2	0	0	0	0	0	0	0	0
2	0	0	0	1	0	2	4	3	0	0	1	2	1
3	3	0	1	2	2	2	0	2	2	2	0	0	2
4	7	0	4	2	0	0	1	0	2	0	0	1	1
5	0	2	2	2	3	0	2	2	1	1	1	0	1
6	5	0	2	1	0	2	1	1	1	2	0	1	1
7	2	0	2	1	0	0	3	2	0	0	4	0	1
8	2	0	0	2	3	1	2	0	1	0	0	0	1
9	0	2	2	0	1	2	1	5	1	0	2	1	1
10	2	3	1	11	14	13	0	2	1	3	0	2	4
11	2	0	0	0	13	13	***	0	0	2	0	1	3
12	4	0	1	0	0	0	0	0	2	0	0	0	1
13	0	0	2	0	2	0	0	0	2	0	1	0	1
14	2	0	1	2	0	0	3	0	4	0	4	0	1
15	4	0	0	2	2	6	6	8	0	2	5	0	3
16	2	2	2	0	0	0	2	0	1	2	2	2	1
17	2	0	0	0	2	0	0	0	0	0	0	2	1
18	2	2	0	4	1	2	2	0	1	2	0	6	2
19	2	0	0	4	0	0	0	0	0	0	2	4	1
20	0	1	0	2	2	0	2	2	1	2	0	0	1
21	2	0	8	2	2	0	0	0	2	2	2	2	2
22	2	0	0	0	2	0	0	1	0	4	***	***	1
23	***	***	***	***	***	***	***	5	6	4	0	0	*****
24	1	0	2	0	2	0	2	0	4	0	0	0	1
25	2	0	0	0	0	1	4	0	0	0	2	0	1
26	4	0	4	6	2	2	0	2	2	0	2	0	2
27	0	2	2	0	1	1	1	0	0	1	0	2	1
28	0	0	0	2	0	2	0	0	0	0	2	0	1
29	6	0	0	0	2	0	0	2	0	0	0	0	1
30	2	0	4	2	2	2	2	2	0	2	0	2	2
MEAN	2	0	1	2	2	2	1	1	1	1	1	1	1.4

PERCENTAGE OF DATA VALID - 97.2

PERCENTAGE OF DATA INVALID - 2.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CGMS/1000 FT	
STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS, SCARBORO													MONTH - OCT 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	4	6	0	8	8	2	0	6	2	6	10	5	5
2	3	4	0	0	3	2	2	4	0	2	2	5	2	2
3	2	0	0	0	0	4	0	0	0	2	2	0	1	1
4	0	2	3	0	0	0	0	0	4	0	0	2	1	1
5	0	2	0	4	0	2	2	0	0	0	2	0	1	1
6	2	0	2	2	0	0	0	0	0	0	2	2	1	1
7	4	2	0	1	2	2	2	0	2	2	0	0	2	1
8	6	0	0	2	0	4	4	5	2	2	0	4	2	1
9	2	0	0	0	2	0	0	1	2	0	0	0	1	1
10	4	2	0	0	0	2	2	2	4	2	4	0	2	2
11	0	0	2	0	2	2	0	2	1	0	2	1	1	1
12	2	2	0	4	4	4	0	0	2	4	2	0	2	2
13	0	2	2	2	0	0	2	0	6	4	4	4	2	2
14	0	2	2	2	2	6	4	2	2	4	0	0	2	2
15	0	0	0	4	0	0	0	0	0	0	0	4	1	1
16	0	0	0	4	2	4	0	0	0	2	0	1	1	1
17	2	1	1	0	0	6	0	0	2	2	0	2	2	2
18	2	2	2	2	0	0	0	0	0	0	2	2	1	1
19	2	4	0	0	0	0	4	4	1	4	2	0	2	2
20	2	2	4	0	2	0	0	0	2	0	0	2	1	1
21	2	1	0	0	2	0	0	2	0	4	0	1	1	1
22	0	0	0	1	2	6	5	2	1	2	0	0	2	2
23	0	2	2	0	0	4	2	2	0	0	0	0	1	1
24	0	4	0	2	2	0	0	0	2	0	4	2	1	1
25	0	4	2	0	0	0	0	0	0	0	0	1	1	1
26	0	2	0	0	0	0	0	2	0	2	0	0	1	1
27	2	0	0	2	0	0	0	0	0	0	0	2	1	1
28	2	2	0	0	4	2	2	4	2	2	0	0	2	2
29	2	2	0	0	0	0	0	0	0	0	0	0	0	0
30	0	1	1	0	0	2	0	0	0	4	2	2	1	1
31	2	0	2	4	2	4	0	0	0	4	0	0	2	2
MEAN	2	2	1	1	1	2	1	1	1	2	1	2	1.4	1.4

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CGMS/1000 FT	
STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS, SCARBORO													MONTH - NOV 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1														
2														
3														
4														
5														
6	****	****	****	****	****	****	****	****	4	0	0	0	*****	*****
7	0	4	2	0	6	6	2	8	2	4	3	1	3	3
8	0	0	2	0	3	2	2	2	0	0	1	0	1	1
9	0	5	2	0	2	0	2	4	4	4	3	4	3	3
10	1	2	1	0	0	1	6	4	0	0	0	0	1	1
11	2	0	0	0	2	2	0	0	2	0	0	3	1	1
12	0	0	0	2	0	0	5	1	0	3	2	4	1	1
13	2	5	1	0	4	0	0	4	4	4	6	4	2	2
14	4	0	6	6	1	0	0	0	1	0	2	0	2	2
15	0	0	3	0	2	0	2	5	4	4	0	8	2	2
16	0	2	0	4	0	0	0	2	0	1	2	0	1	1
17	4	4	0	6	2	0	0	1	5	1	1	0	2	2
18	0	0	0	0	2	2	2	0	0	10	0	0	1	1
19	2	0	1	2	2	0	2	6	2	2	0	4	2	2
20	0	0	4	0	2	2	2	4	1	2	0	0	1	1
21	4	2	1	0	4	2	4	****	0	2	0	1	2	2
22	0	0	2	2	0	2	2	0	0	4	0	0	1	1
23	4	1	2	4	2	4	2	0	3	1	2	4	2	2
24	2	0	2	0	4	5	0	0	4	2	0	0	2	2
25	0	0	3	0	0	3	0	0	0	2	4	0	1	1
26	1	2	4	0	4	2	3	0	0	3	4	6	2	2
27	0	0	2	2	3	0	2	0	0	0	1	2	1	1
28	2	0	2	0	2	4	0	4	2	0	0	4	2	2
29	4	0	2	4	0	0	2	2	0	2	0	0	1	1
30	2	0	0	2	2	4	0	2	4	2	0	1	2	2
MEAN	1	1	2	1	2	2	2	2	2	2	1	2	1.7	1.7

PERCENTAGE OF DATA VALID - 81.1

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 16.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33019	MET BRANCH SCARBOROUGH BLUFFS. SCARBORO												MONTH - DEC 80
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	2	6	6	0	1	0	2	4	0	6	6	3
2	6	3	5	0	0	2	2	0	2	0	0	2	2
3	2	0	2	2	4	0	2	1	2	2	5	2	2
4	0	0	2	0	0	4	0	0	2	0	4	5	1
5	2	0	2	2	2	5	5	2	2	0	5	2	2
6	2	4	2	0	2	0	0	0	0	0	2	0	1
7	0	0	0	0	0	0	2	0	2	0	4	4	1
8	8	4	4	2	1	2	0	0	2	2	0	4	2
9	0	5	0	0	0	0	0	0	0	0	2	0	1
10	0	0	3	2	4	8	----	2	2	1	2	2	2
11	3	0	0	0	2	1	0	1	1	2	0	2	1
12	0	0	0	0	4	2	2	4	2	0	2	2	2
13	6	4	4	0	0	0	0	2	2	0	5	2	9
14	0	0	0	1	0	2	2	2	0	0	2	0	1
15	2	1	8	1	0	2	2	2	4	2	0	2	3
16	2	0	2	0	0	4	6	6	2	0	6	0	3
17	0	3	0	6	4	4	4	2	4	0	6	6	3
18	4	0	0	2	0	2	1	4	1	0	2	1	1
19	0	2	0	2	0	2	5	----	2	0	2	0	1
20	0	0	0	2	0	2	2	6	0	0	2	4	2
21	0	0	0	0	2	0	0	2	0	2	0	3	1
22	0	2	2	4	0	6	2	4	2	0	2	2	2
23	2	2	3	5	5	0	4	2	2	10	0	0	3
24	0	0	2	2	2	2	2	4	2	2	0	2	2
25	2	0	2	0	2	0	2	5	0	6	7	0	2
26	4	0	4	2	0	4	4	2	2	0	2	0	2
27	8	0	6	0	0	0	0	0	0	0	2	2	2
28	0	0	2	2	6	4	2	2	4	2	0	2	2
29	4	0	2	0	2	8	2	2	4	2	2	4	3
30	0	2	2	0	4	4	0	0	2	0	2	0	1
31	0	2	2	0	0	0	0	0	2	4	4	0	:
MEAN	2	1	2	2	2	2	2	2	2	1	2	2	1.8

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "-----" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "-----" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS. SCARBORO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	0.8	3	5
FEB	29	1.5	4	14
MAR	27	1.9	4	10
APR	30	1.9	3	9
MAY	31	2.9	7	13
JUN	30	2.1	5	13
JUL	31	1.7	3	12
AUG	25	1.3	3	7
SEP	29	1.4	4	14
OCT	31	1.4	5	10
NOV	24	1.7	3	10
DEC	31	1.8	3	10
YEAR	349	1.7	7	14

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS. SCARBORO

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	367	2	0	0	0	0	0	369
FEB	333	14	1	0	0	0	0	348
MAR	309	20	0	0	0	0	0	329
APR	331	27	0	0	0	0	0	358
MAY	290	71	4	0	0	0	0	365
JUN	317	41	1	0	0	0	0	359
JUL	345	25	1	0	0	0	0	371
AUG	287	11	0	0	0	0	0	298
SEP	332	13	5	0	0	0	0	350
OCT	357	15	0	0	0	0	0	372
NOV	274	18	0	0	0	0	0	292
DEC	334	36	0	0	0	0	0	370
YEAR	3876	293	12	0	0	0	0	4181

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
95.2	0	0.0	0.0	1.1	1.8	3.6	4.8	6.2	7.7	14	1.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK

MONTH - JAN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	13	12	7	11	3	4	2	5	2	5	3	1	6
2	6	2	0	2	0	2	1	***	5	2	3	2	2
3	0	0	0	1	1	2	1	2	0	2	2	1	1
4	2	0	1	2	2	1	2	2	2	1	0	4	2
5	0	6	3	0	0	4	2	0	1	7	2	8	3
6	0	6	4	0	2	2	2	1	3	2	0	2	2
7	2	2	2	2	3	4	1	0	2	7	0	2	2
8	0	1	0	0	4	0	1	0	4	2	2	2	1
9	0	4	2	1	4	3	1	2	1	3	2	2	2
10													
11	2	4	2	4	4	2	0	5	4	0	1	2	3
12	2	0	0	1	2	0	0	0	0	2	0	1	1
13	2	3	3	1	3	0	2	2	1	6	2	3	2
14	1	2	3	3	5	3	4	5	2	2	3	2	3
15	2	2	0	8	4	1	2	1	1	2	2	0	2
16	0	1	2	2	0	5	3	1	0	2	1	1	2
17	2	0	6	2	3	4	6	2	2	3	3	2	3
18	2	1	0	2	4	2	5	5	0	3	1	2	2
19	1	2	0	2	0	2	1	3	1	1	3	0	1
20	1	2	2	0	2	1	0	1	0	2	1	0	1
21	2	1	1	0	6	0	2	***	2	4	2	4	2
22	3	5	2	2	2	3	3	3	2	2	2	3	3
23	4	3	1	4	2	0	2	1	2	3	2	0	2
24	2	2	3	8	3	0	4	3	0	2	3	5	2
25	4	2	3	5	9	4	5	4	8	2	4	4	5
26	0	2	0	2	1	1	1	0	1	2	1	3	1
27	1	2	1	2	1	1	1	4	1	5	1	4	2
28	5	2	2	1	2	1	2	2	4	2	4	2	2
29	2	0	3	3	2	3	2	2	0	4	2	3	2
30	0	2	0	2	2	2	2	0	0	2	2	1	1
31	2	2	0	0	5	2	1	1	2	2	1	2	2
MEAN	2	2	2	2	3	2	2	2	2	3	2	2	2.2

PERCENTAGE OF DATA VALID - 96.2

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 3.2

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK													MONTH - FEB 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	1	0	0	0	2	3	0	2	2	1	0	1	
2	0	0	3	2	0	0	1	2	1	5	0	2	1	
3	0	2	1	0	4	0	3	1	1	2	1	2	1	
4	0	0	4	2	2	1	0	1	1	2	1	2	1	
5	3	2	4	2	3	4	0	4	0	3	3	1	2	
6	2	3	3	2	1	0	****	2	1	0	0	2	1	
7	2	3	3	3	3	3	2	0	0	0	0	2	2	
8	3	5	2	2	4	0	0	0	0	3	2	0	2	
9	2	3	2	0	5	2	0	3	0	0	2	5	2	
10	0	3	2	5	0	0	2	0	0	2	2	0	1	
11	2	2	****	3	4	3	3	2	3	0	3	7	2	
12	0	3	0	0	7	4	3	0	3	2	2	3	2	
13	3	2	3	5	3	2	2	3	2	5	3	2	3	
14	2	5	3	3	9	2	2	4	0	2	2	0	3	
15	3	2	4	9	0	2	2	2	0	4	0	3	1	
16	2	3	0	0	0	2	2	0	0	2	3	7	3	
17	2	2	1	5	3	3	3	0	0	2	4	0	2	
18	2	0	5	3	5	2	0	0	7	7	7	2	5	
19	5	0	3	4	9	4	5	7	12	7	12	9	7	
20	3	7	4	2	9	4	7	7						
21	9	3	7	0	3	7	3	4	2	2	0	0	3	
22	0	4	2	2	2	2	3	3	1	5	0	0	2	
23	3	2	0	3	0	2	0	0	3	5	2	3	2	
24	2	2	3	3	2	0	0	0	2	5	0	4	2	
25	3	3	2	5	5	0	4	****	2	2	2	0	3	
26	2	1	2	2	0	2	0	0	0	5	2	2	2	
27	3	0	0	7	3	3	0	0	0	0	0	3	2	
28	0	0	2	2	3	2	3	0	5	0	1	2	2	
29	3	0	3	3	3	1	0	0	0	3	4	7	2	
MEAN	2	2	2	3	3	2	2	2	2	3	2	3	2.2	

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK													MONTH - MAR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	0	2	0	0	3	2	1	0	3	2	1	
2	3	0	3	5	0	0	2	0	0	2	2	0	1	
3	5	7	2	7	5	5	5	1	3	2	3	3	4	
4	2	4	2	5	5	2	2	2	5	2	7	3	3	
5	3	2	0	3	2	2	7	2	2	2	0	0	2	
6	0	0	0	2	3	2	0	2	5	0	3	2	2	
7	5	3	2	3	2	3	0	3	3	3	3	1	3	
8	2	3	3	4	2	3	2	5	4	3	2	0	3	
9	3	0	7	0	0	0	3	2	2	2	2	3	2	
10	0	3	5	1	3	5	2	3	3	5	0	0	3	
11	2	5	0	3	3	2	3	0	2	0	2	0	2	
12	0	2	0	3	2	3	0	2	2	0	0	3	2	
13	0	3	0	0	0	0	3	***	2	0	0	2	1	
14	3	3	0	2	4	2	0	2	0	0	0	2	2	
15	0	0	0	0	0	0	0	0	3	2	0	2	1	
16	7	2	3	0	2	0	1	0	3	2	3	0	2	
17	5	2	0	3	5	5	0	3	5	0	5	2	3	
18	2	3	2	0	2	0	2	0	2	7	1	7	3	
19	5	3	3	5	2	3	2	2	5	3	3	2	4	
20	7	3	7	7	4	5	4	2						
21	4	7	2	1	2	3	2	2	3	2	2	2	3	
22	2	2	0	0	2	2	2	2	2	2	1	0	1	
23	4	3	0	3	2	2	3	3	2	3	0	3	2	
24	2	2	4	2	0	2	2	6	2	4	2	3	3	
25	1	2	0	0	0	2	2	0	2	2	4	0	1	
26	0	2	1	5	4	2	0	2	4	4	3	2	2	
27	4	2	1	3	5	1	3	0	2	0	1	1	2	
28	2	2	7	2	6	2	7	2	2	5	5	2	4	
29	2	2	3	2	1	3	2	0	4	4	0	2	2	
30	2	1	0	0	0	3	1	0	2	2	0	2	1	
31	0	2	0	2	1	****	****	****	1	2	0	4	1	
MEAN	2	2	2	2	2	2	2	2	3	2	2	2	2.2	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK

MONTH - APR 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	6	4	2	0	9	2	5	2	2	2	3
2	5	2	5	4	0	2	2	0	2	2	2	2	2
3	4	1	2	2	2	2	2	0	2	2	2	2	1
4	2	0	0	2	2	0	2	0	2	2	0	0	1
5	1	1	0	2	2	2	2	1	3	0	1	0	2
6	4	0	0	4	0	0	1	1	2	1	6	2	2
7	4	0	5	0	2	4	6	4	2	0	2	0	1
8	1	2	0	5	1	4	6	6	2	0	0	4	3
9	2	1	4	3	6	2	3	0	2	0	3	1	2
10	3	3	0	2	0	5	0	2	4	3	1	1	3
11	3	0	2	1	4	2	0	1	2	6	2	2	2
12	3	3	4	2	2	3	3	2	2	2	2	1	3
13	2	2	0	0	0	2	1	0	0	2	0	1	1
14	4	0	0	5	2	0	5	2	0	0	3	4	2
15	2	1	0	2	0	2	1	1	0	1	7	0	2
16	2	2	0	2	1	0	1	3	0	1	0	2	1
17	2	3	1	3	3	2	2	3	0	2	0	2	2
18	2	0	6	1	0	4	4	4	2	0	4	4	2
19	2	2	8	5	4	1	4	2	6	5	2	3	4
20	7	0	4	2	2	2	2	0	3	0	2	2	2
21	3	2	2	0	2	0	2	2	3	2	1	1	2
22	1	3	3	0	3	0	2	0	0	4	1	3	2
23	0	2	0	4	2	0	1	0	2	1	1	2	1
24	0	4	0	1	1	0	2	1	2	0	1	2	1
25	2	0	2	0	2	0	2	4	1	4	0	2	2
26	1	2	2	2	1	2	2	1	2	1	4	7	2
27	6	2	4	0	1	1	2	0	0	4	1	2	2
28	1	0	0	1	2	3	0	0	2	0	0	1	1
29	2	1	1	4	2	0	2	1	1	1	0	5	2
30	2	2	3	2	5	3	2	1	2	7	4	6	2
MEAN	3	1	2	2	2	1	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK

MONTH - MAY 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	4	3	5	3	1	0	4	6	2	2	1	3
2	2	1	2	3	2	2	4	1	0	4	0	2	2
3	7	5	2	3	1	2	2	0	3	0	4	0	2
4	3	2	0	0	2	2	0	4	1	2	2	2	2
5	0	2	1	3	5	7	*****	0	3	0	0	6	2
6	2	0	2	0	0	2	4	1	3	3	0	0	1
7	3	0	4	2	1	5	2	5	2	1	2	1	2
8	0	3	1	6	2	0	3	4	0	3	0	0	2
9	0	0	0	0	0	0	0	0	1	1	1	0	0
10	4	3	1	4	7	0	4	2	0	2	2	0	2
11	5	1	0	2	2	4	4	0	3	2	0	4	2
12	2	2	3	2	0	2	6	0	3	3	3	0	2
13	5	2	2	1	4	2	2	0	5	5	4	2	3
14	0	3	3	0	2	2	1	1	1	0	0	3	1
15	2	2	1	0	2	0	1	0	4	0	1	1	1
16	2	1	0	7	2	3	4	2	2	2	3	4	3
17	9	5	2	6	0	3	2	2	1	4	2	4	3
18	6	0	0	4	0	4	3	0	0	0	0	4	3
19	2	0	0	3	2	2	2	0	3	0	0	4	2
20	3	2	2	0	2	2	0	4	2	2	5	4	2
21	2	2	3	9	2	4	4	8	4	2	5	2	4
22	1	4	0	8	3	2	5	3	3	2	1	2	3
23	1	4	2	6	9	8	6	4	12	5	6	7	6
24	6	4	8	2	4	3	1	3	1	0	5	3	3
25	2	3	4	0	1	3	0	0	0	0	0	5	2
26	0	2	1	1	0	3	*****	2	2	2	0	0	1
27	0	2	2	3	0	2	2	2	4	4	0	2	2
28	1	0	3	2	5	7	0	2	0	0	2	5	2
29	3	9	3	0	2	0	0	2	2	0	4	0	2
30	0	2	1	7	5	3	7	4	2	2	5	0	3
31	0	3	0	5	2	2	0	3	0	2	0	0	1
MEAN	3	2	2	3	2	3	2	2	2	2	2	2	2.3

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK													MONTH - JUN 80
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	3	3	2	2	1	0	0	3	0	0	1
2	0	0	5	2	0	3	5	5	5	3	0	3	3
3	2	5	2	0	3	5	0	3	0	1	0	0	2
4	0	0	3	1	1	2	0	0	0	3	4	2	1
5	2	0	2	4	0	0	0	0	3	0	2	2	1
6	2	0	0	2	3	5	0	2	3	3	0	2	2
7	5	0	3	2	0	0	0	4	0	5	0	4	1
8	2	0	0	0	2	2	0	3	5	0	0	0	2
9	3	3	3	4	5	2	0	0	0	3	2	0	2
10	0	0	2	2	2	0	0	1	0	0	2	0	1
11	0	2	2	2	0	0	3	0	2	0	3	0	1
12	2	7	3	9	7	3	***	5	2	5	0	4	4
13	7	2	7	7	9	3	2	2	2	7	7	9	5
14	9	7	7	5	7	7	3	3	5	2	13	7	6
15	7	3	5	3	7	3	0	3	0	0	0	0	3
16	3	0	0	2	7	3	0	0	2	2	0	0	1
17	2	3	5	3	7	7	0	0	2	2	3	0	3
18	2	3	0	3	5	4	0	0	3	0	0	0	2
19	5	0	3	2	3	1	2	0	5	0	0	3	2
20	3	2	3	2	2	6	1	0	2	0	5	4	3
21	4	4	4	0	2	1	3	12	1	0	5	6	4
22	3	2	8	2	3	0	1	4	1	6	4	5	3
23	1	5	0	13	8	9	12	0	0	2	6	3	5
24	7	8	2	4	8	4	3	8	1	8	6	9	6
25	2	2	6	7	12	5	5	0	10	0	7	7	5
26	0	8	7	8	5	5	4	6	3	1	2	3	4
27	2	3	2	4	6	0	0	0	0	2	5	2	2
28	0	5	0	3	0	3	2	7	2	0	0	2	2
29	0	6	0	0	2	1	1	0	2	0	3	2	1
30	5	3	2	0	2	2	1	2	0	3	0	2	2
MEAN	3	3	3	3	4	3	2	2	2	2	3	3	2.7

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK													MONTH - JUL 80
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	2	0	1	0	1	0	4	2	2	6	2
2	6	1	7	1	0	2	2	1	2	3	0	0	2
3	3	0	4	7	2	***	3	0	2	2	5	0	3
4	9	2	2	7	5	0	2	8	3	11	1	7	5
5	5	8	6	1	0	0	8	0	0	2	0	0	3
6	5	0	1	0	2	0	2	0	1	2	2	1	1
7	2	2	6	3	0	1	0	2	2	0	4	5	2
8	3	3	2	3	6	5	2	0	5	0	1	0	2
9	2	3	7	2	2	3	5	3	9	5	0	6	4
10	7	13	15	6	***	7	7	10	6	4	***	5	8
11	11	11	2	9	***	3	5	2	3	4	0	3	5
12	1	2	2	5	0	0	0	5	0	5	0	0	2
13	1	2	2	1	4	3	0	4	0	2	7	5	3
14	3	2	4	9	0	2	6	2	1	1	6	2	3
15	7	4	5	7	9	3	3	7	6	6	0	3	5
16	2	5	1	3	2	0	2	0	0	0	0	0	1
17	0	0	1	2	0	2	2	2	0	2	0	4	1
18	0	2	0	2	5	5	5	2	0	0	0	3	2
19	0	5	1	1	2	2	7	5	3	3	2	2	3
20	5	3	6	6	5	6	0	0	4	4	7	8	5
21	1	2	5	5	3	0	0	4	0	7	1	1	2
22	2	0	4	7	4	2	2	7	1	2	2	1	3
23	4	2	2	0	4	2	6	2	2	0	3	6	3
24	1	0	2	8	3	***	2	0	0	4	4	2	2
25	3	3	0	4	2	2	3	3	0	4	0	4	2
26	0	2	0	3	2	4	0	3	4	4	1	5	2
27	2	2	0	2	0	3	2	2	7	4	2	2	2
28	1	0	1	4	1	0	2	3	0	4	7	6	3
29	1	5	3	2	3	4	2	4	0	6	0	5	2
30	2	4	3	2	1	0	1	4	0	1	4	5	2
31	2	5	5	9	1	0	1	2	0	1	1	0	0
MEAN	3	3	3	4	2	2	3	3	2	3	2	3	2.8

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK													MONTH - AUG 80
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	2	7	5	3	2	2	2	4	3	4	3
2	1	1	2	4	4	0	4	0	2	0	2	2	2
3	2	1	2	0	2	1	2	2	2	1	1	2	2
4	0	2	2	0	0	2	1	3	0	2	2	0	1
5	0	1	0	4	0	2	4	4	10	2	1	4	3
6	1	2	3	0	5	0	2	0	5	0	6	2	2
7	4	5	5	2	1	4	2	2	3	4	4	1	3
8	4	2	6	2	4	6	2	2	0	2	2	1	3
9	0	2	0	2	1	0	0	0	0	2	2	0	1
10	1	1	0	1	1	2	1	2	0	3	2	2	1
11	0	4	1	1	2	0	2	----	2	0	2	0	1
12	2	3	1	0	3	2	2	2	2	0	2	2	2
13	4	3	0	3	4	2	2	2	0	3	2	2	3
14	6	2	2	5	4	0	2	4	2	0	8	2	3
15	2	2	2	2	2	0	0	2	0	0	3	2	1
16	0	2	0	1	0	2	0	0	1	0	2	1	1
17	4	0	2	0	2	2	0	0	5	0	2	2	2
18	0	2	0	4	2	2	1	1	4	2	2	5	3
19	5	1	4	5	6	1	0	0	4	5	4	4	3
20	4	3	5	2	2	2	0	2	1	2	0	2	2
21	2	2	1	2	2	1	2	0	6	5	0	0	2
22	0	2	2	3	0	4	0	2	0	2	4	3	2
23	3	3	4	3	0	0	2	2	0	2	0	4	2
24	0	3	2	2	1	6	0	2	2	1	3	6	2
25	3	6	6	8	9	6	6	2	2	1	4	4	5
26	2	1	2	2	9	4	7	2	2	1	2	5	3
27	4	0	8	5	8	1	6	3	2	7	2	2	4
28	2	1	1	4	0	2	----	5	0	3	0	2	2
29	3	3	0	5	2	6	0	1	0	5	0	2	2
30	2	0	2	1	1	4	3	2	7	3	4	6	3
31	5	2	4	6	2	5	1	4	5	3	2	0	3
MEAN	2	2	2	3	3	2	2	2	2	2	2	2	2.3

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK													MONTH - SEP 80
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	0	0	2	4	2	0	3	3	3	4	3	2
2	0	2	1	2	5	10	7	10	0	3	8	1	4
3	4	0	2	6	2	0	0	0	3	9	6	2	3
4	7	8	2	15	4	3	0	1	5	2	8	2	5
5	0	9	0	3	7	0	5	2	0	3	1	4	3
6	9	1	8	5	2	0	0	3	0	7	8	4	4
7	3	1	2	1	2	2	5	0	2	0	4	4	2
8	4	0	4	7	4	7	1	1	4	0	4	2	3
9	7	3	6	7	1	6	4	1	0	1	2	1	3
10	2	1	0	2	0	1	1	0	4	1	2	1	1
11	2	2	3	2	8	0	0	2	0	1	0	2	2
12	2	4	0	2	1	2	1	0	1	0	5	3	1
13	2	2	2	2	0	0	0	0	0	4	3	0	1
14	1	5	2	4	2	1	0	0	0	2	2	4	2
15	4	2	0	0	2	2	0	3	0	4	5	0	2
16	7	0	7	5	2	0	----	3	2	3	1	2	3
17	0	2	6	5	2	5	2	1	2	2	2	0	2
18	0	2	2	13	0	4	0	0	1	4	4	0	3
19	4	2	0	6	2	0	0	0	3	2	6	3	2
20	2	4	3	1	6	3	5	0	3	0	0	3	3
21	0	0	6	0	0	0	0	5	4	1	0	2	2
22	0	0	2	0	3	0	5	2	6	1	4	2	2
23	0	1	0	1	2	0	0	2	1	2	4	2	1
24	4	3	2	2	0	2	1	3	1	0	3	4	2
25	2	2	4	5	12	8	6	1	0	3	3	4	4
26	3	2	0	3	0	0	0	0	2	0	2	1	1
27	1	1	2	0	0	1	0	0	0	4	2	6	1
28	0	2	2	0	3	2	0	0	0	5	3	0	1
29	1	0	3	2	2	0	3	2	2	2	4	5	2
30	3	8	11	14	11	11	7	3	2	2	1	2	6
MEAN	3	2	3	4	3	2	2	2	2	2	3	2	2.5

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES										UNITS - 0.1 COHS/1000 FT			
STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK										MONTH - OCT 80			
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	2	8	9	10	2	4	3	6	2	0	3	4
2	3	0	0	2	2	1	0	3	1	1	3	3	2
3	2	3	3	9	1	0	0	0	5	3	0	0	3
4	3	2	3	1	1	0	0	0	0	2	4	2	2
5	1	0	3	0	0	3	0	0	0	4	3	4	2
6	1	0	1	2	2	0	***	2	2	6	0	3	2
7	2	0	5	9	6	4	4	1	4	1	4	1	3
8	1	2	2	3	6	4	2	0	0	0	0	3	2
9	0	2	1	10	0	0	1	2	4	1	0	2	2
10	5	3	3	6	0	2	2	2	0	3	1	10	3
11	2	0	0	5	4	0	0	5	0	4	0	0	2
12	4	0	0	0	0	0	0	0	0	0	1	0	0
13	4	0	0	0	2	5	0	0	2	2	2	3	2
14	0	0	0	2	2	2	2	7	1	4	2	2	2
15	5	0	4	0	3	1	1	1	0	1	2	0	2
16	1	3	0	7	5	3	2	5	2	2	2	4	3
17	3	0	4	8	2	7	4	3	4	7	3	4	4
18	0	2	1	1	0	1	0	2	0	2	1	3	1
19	4	0	2	4	2	0	0	0	0	0	1	2	1
20	2	0	0	2	2	0	0	2	0	3	2	0	1
21	2	2	0	1	6	0	2	2	0	1	0	2	2
22	2	0	2	2	2	2	0	2	5	2	2	0	2
23	0	3	3	4	0	2	2	0	2	1	4	0	2
24	0	0	0	5	0	0	2	0	1	6	0	0	1
25	1	4	1	2	0	0	1	0	0	0	2	1	1
26	2	1	0	2	2	2	0	0	5	0	0	1	2
27	0	0	2	2	2	1	3	***	2	4	1	1	2
28	2	4	5	2	0	0	0	2	0	0	0	2	1
29	0	2	2	2	1	0	0	0	0	2	0	0	2
30	3	2	2	0	6	1	3	1	2	2	0	0	2
31	0	1	1	0	3	4	2	0	0	2	4	0	1
MEAN	2	1	2	3	2	2	1	2	2	2	1	2	1.9

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES										UNITS - 0.1 COHS/1000 FT			
STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK										MONTH - NOV 80			
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	3	2	0	2	0	2	1	0	2	0	1
2	0	1	0	0	0	0	0	2	1	1	2	7	1
3	3	9	2	2	1	2	2	2	4	7	5	0	3
4	2	2	0	0	2	0	3	3	2	1	3	0	2
5	0	0	4	2	0	1	2	2	0	0	2	4	1
6	0	7	0	1	5	3	0	3	3	2	3	2	2
7	1	0	5	8	10	0	9	5	5	5	4	0	4
8	1	1	0	0	0	0	0	1	2	1	1	0	1
9	2	0	1	6	3	2	2	0	0	0	0	0	1
10	0	0	0	2	0	1	0	0	2	0	1	0	1
11	0	0	0	0	0	2	0	2	0	0	2	2	1
12	2	0	4	5	0	2	2	0	2	4	2	2	2
13	1	5	2	4	2	4	6	***	12	10	13	14	7
14	10	7	2	2	2	0	2	0	2	1	0	3	3
15	4	3	0	4	5	1	5	1	2	2	4	3	3
16	1	3	0	2	0	1	0	0	2	2	2	11	2
17	17	21	14	7	3	5	2	2	6	0	2	4	7
18	0	0	1	0	8	0	0	4	0	4	2	0	2
19	2	2	1	0	2	2	3	3	3	2	2	6	2
20	5	3	9	7	5	7	6	8	4	6	3	2	5
21	6	2	2	4	2	5	2	1	0	1	2	2	2
22	0	0	0	2	3	4	2	2	2	2	3	8	2
23	7	4	6	2	2	4	2	8	4	2	2	2	4
24	2	4	8	6	16	8	8	4	8	0	3	0	6
25	1	2	0	1	7	0	3	2	2	1	3	9	2
26	2	2	4	5	1	0	1	0	7	5	12	10	5
27	12	16	4	1	2	0	1	0	4	3	4	2	4
28	0	3	1	5	4	0	5	1	3	3	1	4	3
29	4	4	1	3	2	0	1	3	2	2	2	2	2
30	3	2	1	1	2	1	0	6	1	2	6	3	2
MEAN	3	3	3	3	3	2	2	2	3	2	3	3	2.7

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 CONHS/1000 FT

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK

MONTH - DEC 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	3	3	5	5	8	2	2	3	4	2	4	4
2	2	3	1	6	6	6	6	4	6	2	0	2	4
3	2	2	0	1	0	1	0	7	2	2	0	2	2
4	2	3	2	7	8	8	1	0	2	7	2	3	4
5	10	4	1	2	4	0	2	2	3	6	4	15	4
6	12	14	13	6	6	2	2	0	3	0	9	2	6
7	3	2	2	0	7	0	4	1	4	9	12	14	5
8	13	14	12	6	6	9	1	***	4	0	0	1	6
9	3	0	0	4	0	1	2	1	2	7	2	4	2
10	3	2	4	2	2	2	2	0	2	1	2	0	2
11	2	0	2	2	2	2	1	2	2	2	1	0	2
12	3	4	2	3	2	4	2	10	15	2	2	1	4
13	1	2	2	1	4	2	0	2	0	1	2	3	2
14	2	2	2	3	0	0	1	0	1	1	6	4	4
15	2	0	0	7	7	1	8	9	7	6	3	2	4
16	4	4	2	1	8	4	4	2	4	3	0	7	4
17	0	0	2	2	4	7	12	2	2	5	2	6	4
18	2	4	4	0	0	2	1	0	2	2	2	6	2
19	2	0	0	1	2	2	0	0	2	2	1	4	2
20	4	2	0	1	8	2	2	0	1	2	5	4	3
21	2	0	4	1	2	1	1	2	0	7	1	2	2
22	4	2	0	2	7	5	6	***	2	2	1	0	3
23	13	4	9	6	13	4	6	9	5	9	4	7	7
24	4	4	4	2	3	2	0	0	5	2	0	5	3
25	5	2	1	2	2	6	6	6	3	9	10	1	4
26	0	2	0	3	2	2	5	1	4	2	2	5	2
27	3	8	4	9	12	5	2	0	1	6	7	10	6
28	10	6	12	10	7	7	5	5	4	6	6	6	7
29	6	13	8	7	10	5	8	9	6	5	4	4	7
30	3	0	2	3	0	3	5	0	4	0	3	9	3
31	0	7	2	0	2	6	8	2	1	3	2	3	3
MEAN	4	4	3	3	5	4	3	3	3	4	3	4	3.6

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 CONHS/1000 FT

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	2.2	6	13
FEB	29	2.2	7	12
MAR	31	2.2	4	7
APR	30	1.9	4	9
MAY	31	2.3	6	12
JUN	30	2.7	6	13
JUL	31	2.6	6	15
AUG	31	2.3	5	10
SEP	30	2.5	6	15
OCT	31	1.9	4	10
NOV	30	2.7	7	21
DEC	31	3.6	7	15
YEAR	365	2.4	8	21

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	324	31	3	0	0	0	0	358
FEB	302	41	2	0	0	0	0	345
MAR	324	44	0	0	0	0	0	368
APR	329	30	0	0	0	0	0	359
MAY	321	48	1	0	0	0	0	370
JUN	277	77	5	0	0	0	0	359
JUL	280	82	5	0	0	0	0	367
AUG	321	49	0	0	0	0	0	370
SEP	298	54	7	0	0	0	0	359
OCT	337	33	0	0	0	0	0	370
NOV	292	56	7	3	1	0	0	359
DEC	262	92	16	0	0	0	0	370
YEAR	3667	637	46	3	1	0	0	4354

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
99.1	0	0.0	0.5	1.5	2.5	5.0	6.6	8.6	10.8	21	2.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE

MONTH - JAN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	3	3	2	1	1	0	4	0	0	4	2	2
2	2	2	2	1	5	4	2	2	1	2	3	0	2
3	2	0	2	2	3	2	0	3	2	2	2	2	2
4	1	2	0	2	5	***	1	1	2	4	2	0	2
5	1	0	0	0	3	0	2	2	1	1	5	5	3
6	2	2	5	2	7	3	1	0	3	0	3	3	2
7	2	2	2	3	2	3	1	2	0	0	2	2	1
8	0	2	2	2	2	2	2	0	0	0	4	1	2
9	2	0	0	2	2	0	4	2	2	1	6	6	2
10	1	3	2	3	2	4	2	1	4	1	4	2	2
11	2	6	2	2	2	3	1	3	6	2	2	1	3
12	0	3	0	0	0	2	2	2	0	0	2	2	1
13	0	0	2	1	3	0	1	1	0	3	1	4	3
14	1	2	2	3	1	6	7	2	3	0	5	2	3
15	5	3	3	3	8	4	2	0	5	4	0	3	2
16	2	0	0	6	2	2	1	3	2	3	2	2	4
17	3	2	3	6	5	2	5	7	3	2	2	0	2
18	0	0	1	2	3	5	2	7	3	3	2	3	2
19	3	1	0	5	1	0	1	0	3	3	2	1	1
20	2	5	2	0	0	0	0	2	2	0	3	1	2
21	0	0	4	1	7	2	3	1	2	3	7	3	3
22	2	0	2	2	5	***	3	3	2	1	2	3	2
23	2	2	1	0	6	2	2	2	0	2	0	2	2
24	1	0	2	2	2	0	3	3	2	2	2	3	2
25	1	2	9	6	0	2	2	2	0	0	0	3	1
26	3	1	0	0	2	0	1	3	0	1	4	1	2
27	1	1	2	2	1	2	0	0	3	2	2	1	2
28	0	2	1	4	1	2	0	1	2	2	0	2	1
29	0	2	3	1	2	2	0	1	2	2	2	5	2
30	4	2	0	3	0	2	3	2	3	0	2	5	2
31	0	3	2	0	0	0	2	3	3	2	4	3	2
MEAN	2	2	2	2	3	2	2	2	2	2	3	2	2.1

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE

MONTH - FEB 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	0	0	0	0	0	1	2	2	0	4	1
2	1	0	2	1	0	0	2	2	4	1	1	1	1
3	2	0	2	6	2	0	0	0	2	7	2	3	2
4	3	1	0	0	0	2	1	2	3	1	0	0	1
5	2	1	0	5	2	2	7	2	2	8	2	2	3
6	1	0	6	1	1	2	3	1	2	2	2	1	2
7	3	1	2	1	4	2	0	4	2	2	0	0	2
8	2	2	1	3	4	2	0	3	5	2	5	3	3
9	2	2	3	2	2	0	1	0	0	0	1	1	1
10	2	0	1	2	2	1	2	0	0	2	1	2	1
11	2	0	2	2	2	2	2	1	2	3	2	0	1
12	2	2	0	2	2	***	0	1	2	0	0	2	1
13	1	0	0	3	3	2	0	1	2	0	1	2	2
14	0	0	0	1	0	0	0	2	1	1	1	0	1
15	1	1	0	0	2	3	0	2	1	2	2	1	1
16	0	0	0	2	1	0	0	3	1	1	1	1	1
17	2	1	0	2	3	1	0	1	2	1	2	2	1
18	2	0	2	2	3	1	0	0	0	0	0	2	1
19	2	0	1	2	0	2	7	2	8	9	3	3	3
20	3	3	4	3	7	4	3	3	5	3	3	5	4
21	3	1	2	0	2	4	1	0	3	1	0	0	1
22	0	0	0	1	0	4	1	3	2	3	1	3	2
23	1	0	0	0	0	0	0	0	0	3	2	1	1
24	0	0	2	0	0	0	0	0	1	0	1	0	0
25	0	0	1	3	1	0	0	3	2	0	0	2	1
26	0	0	0	0	0	2	1	1	0	2	1	0	1
27	0	2	0	2	2	0	0	2	1	1	2	0	1
28	0	2	1	0	0	0	2	2	2	0	1	0	1
29	0	0	0	2	***	3	0	1	1	0	0	0	1
MEAN	1	1	1	2	2	2	1	2	2	2	1	1	1.5

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE

MONTH - MAR 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	4	2	2	1	2	2	0	0	0	1
2	1	1	1	2	2	2	0	0	0	0	0	0	1
3	3	2	2	1	0	3	0	0	0	0	0	2	1
4	2	2	1	2	0	0	2	0	2	0	1	3	1
5	2	0	0	1	3	6	5	2	4	1	2	0	2
6	0	2	0	2	0	2	1	0	0	2	2	0	1
7	1	4	0	2	0	3	1	0	3	1	5	1	2
8	5	1	2	5	2	0	2	3	2	0	2	2	2
9	0	0	0	1	2	2	1	2	0	2	2	2	1
10	2	0	0	1	0	0	2	5	2	3	1	0	1
11	0	0	0	0	0	1	0	0	0	1	0	0	0
12	1	0	2	0	2	0	0	2	2	0	3	3	1
13	1	0	2	0	0	2	0	2	0	0	0	2	1
14	0	2	0	0	3	0	0	0	0	3	0	0	1
15	1	4	1	1	0	0	0	0	0	0	0	1	1
16	3	0	0	1	0	1	0	2	0	0	1	2	1
17	2	1	5	5	6	2	1	0	2	0	0	1	2
18	1	0	0	0	0	2	0	1	2	0	1	1	1
19	2	5	4	4	2	3	1	0	1	2	2	5	3
20	1	2	4	5	2	1	3	2	2	2	3	2	2
21	3	2	3	4	2	5	1	0	2	1	0	0	2
22	1	1	0	1	0	0	1	0	3	0	1	1	1
23	0	1	0	0	2	0	2	0	0	2	0	0	1
24	1	2	0	5	3	3	0	1	4	3	1	1	2
25	1	2	0	1	1	0	***	0	3	0	4	3	1
26	1	0	0	4	4	2	4	3	3	3	5	1	2
27	0	4	3	3	6	2	0	2	3	3	0	1	2
28	2	2	2	7	3	5	2	5	2	8	5	3	4
29	2	3	0	2	2	2	2	1	2	2	2	5	2
30	3	0	0	2	2	0	2	0	2	0	2	0	1
31	2	1	2	0	2	2	3	2	4	1	4	5	2
MEAN	1	2	1	2	2	2	1	1	2	1	2	2	1.5

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CONHS/1000 FT	
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE													MONTH - APR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	3	1	5	2	3	1	2	2	2	2	3	3	
2	2	2	3	4	2	2	2	2	2	4	1	2	2	
3	2	0	0	0	0	0	0	2	3	2	3	0	1	
4	0	2	2	4	1	0	1	1	5	0	0	0	1	
5	0	0	2	3	2	2	0	2	2	2	5	2	2	
6	1	0	2	5	2	2	3	1	3	2	0	0	2	
7	2	1	3	4	4	4	1	6	4	2	2	5	3	
8	2	3	2	4	2	3	3	2	3	1	4	3	3	
9	2	4	2	7	4	1	5	2	3	2	2	2	3	
10	2	2	2	2	3	1	7	3	1	2	2	5	3	
11	2	2	2	2	2	1	2	2	2	0	2	0	2	
12	3	3	2	5	3	2	2	2	1	0	2	0	2	
13	1	0	0	0	2	0	2	5	2	2	2	2	1	
14	0	2	0	1	2	0	3	1	2	0	2	2	2	
15	2	0	0	3	0	****	1	0	2	1	2	1	1	
16	2	0	0	1	0	2	0	0	0	1	1	0	1	
17	3	3	0	0	2	0	4	1	2	0	0	0	1	
18	2	0	1	1	0	1	0	1	1	0	4	0	1	
19	4	0	1	0	3	2	0	3	2	1	6	4	2	
20	5	0	2	2	0	0	0	0	1	0	2	0	1	
21	0	0	1	2	0	0	1	2	1	0	2	5	1	
22	1	0	2	2	2	2	0	2	0	1	1	0	1	
23	2	0	1	0	0	0	2	0	1	0	0	1	1	
24	0	1	0	0	2	2	0	0	0	0	2	1	1	
25	1	0	1	2	3	0	0	3	0	0	0	1	1	
26	5	0	1	0	0	1	0	1	1	3	2	2	1	
27	1	0	0	0	2	0	0	0	2	1	2	2	2	
28	0	0	0	3	2	5	1	2	0	2	1	2	2	
29	0	0	2	0	1	2	0	1	2	2	2	2	1	
30	2	2	0	0	2	2	0	2	2	4	6	4	2	
MEAN	2	1	1	2	2	1	1	2	2	1	2	2	1.6	

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CONHS/1000 FT	
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE													MONTH - MAY 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	3	0	1	0	2	4	2	2	2	3	1	2	
2	0	0	2	3	3	2	1	2	2	2	0	2	2	
3	2	2	3	0	0	2	0	0	0	1	2	0	1	
4	0	2	3	1	0	0	2	0	1	0	2	0	1	
5	2	0	0	2	2	****	-	-	-	-	-	-	*****	
6	-	-	-	-	-	2	1	1	0	2	1	2	*****	
7	2	2	0	2	1	0	2	0	1	1	0	1	1	
8	2	0	0	0	1	0	2	0	0	5	0	0	1	
9	0	0	0	0	0	0	1	5	2	0	2	1	1	
10	1	2	2	0	0	1	2	2	1	1	0	2	1	
11	0	0	0	0	2	0	3	0	1	0	0	0	1	
12	1	2	0	2	2	4	2	1	2	0	2	0	2	
13	3	0	2	2	0	3	2	2	0	2	0	0	2	
14	2	0	6	0	1	0	0	0	0	0	2	7	2	
15	3	0	2	1	0	3	2	0	0	2	4	8	2	
16	0	2	2	2	4	2	0	0	4	2	0	2	2	
17	2	1	2	3	3	2	1	3	2	0	1	1	1	
18	0	0	2	1	1	0	0	1	0	2	3	2	2	
19	0	0	2	2	1	2	1	3	0	1	3	3	2	
20	1	3	3	2	2	2	2	0	0	1	0	2	2	
21	4	0	1	2	3	****	4	0	0	3	1	3	2	
22	2	3	2	0	0	2	0	1	2	0	0	2	1	
23	2	4	2	3	5	6	3	1	4	2	4	0	3	
24	3	1	2	1	4	3	2	0	0	2	1	0	2	
25	0	2	0	2	0	0	3	0	0	2	0	0	1	
26	0	2	0	1	0	0	2	2	1	0	1	0	1	
27	3	0	0	0	1	3	3	2	2	0	2	1	1	
28	0	2	2	2	4	1	0	2	1	4	5	2	2	
29	3	1	5	3	2	1	0	3	0	0	0	2	2	
30	0	4	5	3	4	2	5	5	4	2	0	2	3	
31	2	2	4	2	2	2	0	2	0	0	2	2	2	
MEAN	1	1	2	1	2	2	2	1	1	1	2	2	1.5	

PERCENTAGE OF DATA VALID - 96.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 3.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE													MONTH - JUN 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	2	0	2	2	0	0	2	2	2	0	1	
2	0	0	2	7	2	5	2	3	1	2	2	1	2	
3	0	2	7	0	2	2	0	2	1	0	2	0	2	
4	2	3	0	2	0	0	0	0	0	1	2	0	1	
5	0	3	0	4	4	3	0	3	3	0	0	3	2	
6	2	0	2	0	9	3	6	2	6	4	3	0	3	
7	0	1	4	0	0	4	0	0	2	2	1	1	1	
8	1	0	4	0	0	1	0	0	0	0	0	0	1	
9	0	0	2	0	2	4	0	0	0	0	0	0	1	
10	2	0	0	4	2	1	0	0	0	1	0	2	1	
11	2	0	0	0	5	2	0	0	2	0	2	2	1	
12	2	2	1	2	2	0	0	2	0	2	2	4	2	
13	2	0	3	5	0	2	1	2	0	2	1	5	2	
14	5	5	2	4	2	3	2	2	0	3	0	0	3	
15	0	0	2	4	0	0	0	1	3	3	3	0	3	
16	0	1	0	8	0	0	2	0	0	0	0	0	1	
17	0	0	1	5	2	0	2	0	1	0	3	2	2	
18	2	0	1	0	2	2	5	6	0	2	2	0	1	
19	2	6	0	5	2	3	2	0	1	1	0	2	2	
20	0	0	0	2	0	0	3	0	0	2	2	0	1	
21	0	3	0	0	0	1	0	1	0	0	2	0	1	
22	0	2	1	3	1	2	0	2	2	0	2	2	1	
23	6	2	4	5	1	2	2	0	1	6	0	0	2	
24	2	2	3	6	0	1	1	4	2	3	4	3	3	
25	2	0	1	4	4	2	0	2	2	2	1	2	2	
26	0	2	4	1	2	7	2	0	3	0	2	5	2	
27	0	2	0	0	6	0	1	0	1	1	0	2	1	
28	0	0	0	4	1	0	1	0	1	1	0	0	1	
29	0	2	0	0	0	0	4	0	2	0	0	0	1	
30	0	0	0	1	0	2	0	0	0	2	1	0	1	
MEAN	1	1	2	3	2	2	1	1	1	1	1	1	1.5	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE													MONTH - JUL 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	1	0	4	4	1	0	0	0	2	0	2	1	
2	0	0	0	1	4	4	0	2	1	2	1	2	1	
3	2	0	0	0	0	0	***	0	3	0	0	2	1	
4	1	2	0	2	1	3	3	2	0	0	4	2	2	
5	0	1	1	0	2	0	0	2	0	2	1	0	1	
6	2	0	2	0	0	0	0	0	0	1	0	0	0	
7	0	2	0	3	1	0	1	2	0	0	0	0	1	
8	5	0	2	1	1	0	2	0	2	0	0	0	1	
9	0	1	4	7	2	0	0	0	4	0	3	2	2	
10	7	0	2	2	1	2	2	0	2	3	2	1	2	
11	1	1	0	4	0	6	2	2	2	1	0	0	2	
12	0	0	0	0	3	1	0	0	0	2	0	0	1	
13	2	0	0	2	4	0	0	0	0	0	2	1	1	
14	0	2	1	1	3	1	2	0	0	2	0	1	1	
15	2	1	3	3	1	0	***	2	6	4	3	3	3	
16	2	2	1	2	2	0	2	2	0	3	2	2	2	
17	2	0	0	0	0	0	0	2	2	0	0	2	1	
18	2	2	3	3	1	0	0	2	2	6	0	2	1	
19	0	1	0	2	2	2	1	2	0	3	1	2	2	
20	2	2	2	3	0	0	2	3	0	4	0	2	1	
21	0	2	0	1	1	0	1	3	1	0	0	1	1	
22	0	0	0	5	***	0	8	4	2	0	0	0	2	
23	0	0	0	0	0	2	1	0	2	1	0	0	1	
24	0	0	1	6	1	0	0	1	0	3	0	0	1	
25	0	0	0	0	0	0	3	0	1	2	0	2	1	
26	2	2	1	3	2	2	2	0	0	2	5	1	2	
27	2	1	1	2	0	0	1	2	0	6	2	0	1	
28	2	0	0	2	1	3	4	0	2	1	2	1	2	
29	1	3	0	4	***	3	5	2	0	5	5	2	3	
30	2	3	0	0	3	0	0	2	0	1	1	2	1	
31	2	1	0	2	5	3	3	0	2	4	1	2	2	
MEAN	1	1	1	2	2	1	2	1	1	2	1	1	1.4	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE													MONTH - AUG 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	1	4	6	5	6	0	3	1	0	3	0	2	
2	4	2	0	0	1	1	0	2	2	0	3	1	1	
3	0	0	0	0	0	0	0	2	0	0	0	3	0	
4	0	1	1	0	2	0	0	0	1	0	5	2	1	
5	1	0	2	0	0	2	0	0	0	1	0	0	1	
6	2	2	1	0	0	0	0	0	2	2	1	2	2	
7	7	6	0	3	0	2	0	0	2	0	0	3	3	
8	7	0	11	4	1	***	0	9	0	1	0	0	1	
9	0	2	0	2	0	0	2	0	0	1	2	0	1	
10	0	0	0	0	3	0	2	0	0	7	2	0	1	
11	0	3	9	0	3	2	3	0	0	0	0	4	2	
12	0	0	0	9	2	2	0	4	0	0	0	0	1	
13	0	0	2	2	0	0	5	3	3	0	3	3	2	
14	4	2	2	0	5	4	7	5	3	0	3	5	3	
15	0	0	2	2	1	0	2	2	0	0	0	0	1	
16	0	2	3	0	0	0	0	5	3	0	0	0	1	
17	3	0	5	0	2	0	0	0	2	2	0	0	1	
18	5	3	0	5	2	5	2	0	3	3	5	9	4	
19	2	2	7	5	4	2	3	0	2	3	6	0	3	
20	3	5	2	3	5	7	3	4	0	2	3	2	3	
21	0	7	2	0	2	0	0	5	3	0	3	2	2	
22	2	3	0	5	2	0	0	5	9	0	3	7	3	
23	3	3	3	0	0	0	0	0	0	0	2	3	1	
24	2	2	0	2	4	0	0	0	0	0	2	0	1	
25	2	0	2	7	0	0	3	0	5	2	5	5	3	
26	0	2	0	5	5	***	3	0	2	2	3	4	2	
27	3	2	0	4	7	0	7	3	3	2	3	3	3	
28	0	3	0	0	5	3	2	2	3	0	***	***	2	
29														
30														
31														
MEAN	2	2	2	2	2	1	2	2	2	1	2	2	1.9	

PERCENTAGE OF DATA VALID - 89.2

PERCENTAGE OF DATA INVALID - 10.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE													MONTH - SEP 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1														
2	****	****	****	****	****	****	DATA INVALID							
3	0	0	5	3	0	2	0	2	7	2	4	0	2	
4	4	2	5	5	3	4	2	0	0	3	5	0	3	
5	2	0	5	2	5	0	0	0	0	0	0	2	1	
6	0	4	2	0	2	0	0	0	3	0	2	4	1	
7	2	0	0	0	0	0	0	0	2	2	3	0	1	
8	0	0	3	7	3	2	0	2	2	0	2	2	2	
9	3	3	2	9	7	2	3	2	0	0	3	0	3	
10	2	0	3	0	0	2	0	2	0	0	2	0	1	
11	0	3	3	3	3	0	0	2	3	0	0	0	1	
12	0	0	3	0	2	5	3	***	2	1	1	2	2	
13	3	0	0	1	0	0	2	2	2	4	4	0	2	
14	2	0	0	3	2	2	2	0	0	0	1	0	1	
15	2	0	2	0	2	1	2	2	0	2	0	2	1	
16	1	3	6	2	2	0	0	0	4	1	2	0	2	
17	2	4	3	2	2	0	***	3	2	2	3	2	2	
18	2	2	0	5	5	6	***	0	2	2	2	2	2	
19	4	1	4	3	2	0	3	2	2	0	0	0	2	
20	1	2	5	6	2	0	3	0	3	2	4	0	2	
21	3	1	0	0	5	2	1	0	2	0	0	0	1	
22	3	0	0	0	3	2	2	5	0	0	2	0	2	
23	0	0	0	0	0	***	0	5	0	0	2	4	1	
24	0	1	5	3	2	0	0	0	4	0	2	0	1	
25	5	0	5	9	12	3	0	7	2	5	2	4	5	
26	0	1	2	2	3	0	2	2	2	2	0	0	1	
27	0	3	0	2	0	2	1	0	2	0	2	2	1	
28	2	2	0	0	1	0	2	0	3	0	2	3	1	
29	4	0	0	8	3	0	0	2	2	3	9	5	3	
30	9	7	9	12	22	5	4	2	7	8	2	9	8	
MEAN	2	1	3	3	3	1	1	2	4	1	2	2	2.0	

PERCENTAGE OF DATA VALID - 93.9

PERCENTAGE OF DATA INVALID - 6.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE													MONTH - OCT 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	7	6	13	15	5	3	2	3	3	2	2	5	6	
2	0	0	2	2	2	3	0	---	2	4	7	3	2	
3	3	4	5	11	4	4	4	7	3	5	2	2	4	
4	3	1	2	6	2	0	0	1	1	0	0	0	1	
5	0	0	2	1	0	2	0	2	2	2	2	2	1	
6	1	0	2	2	7	3	0	2	1	0	1	1	2	
7	4	2	7	10	3	---	0	0	10	12	4	12	6	
8	9	9	11	4	1	2	0	3	0	0	2	2	4	
9	2	2	2	5	5	4	0	0	0	3	2	3	2	
10	0	2	4	12	7	4	2	0	3	7	10	5	5	
11	5	3	9	6	0	1	0	3	0	1	1	0	2	
12	2	1	1	3	0	2	1	2	0	0	4	2	2	
13	2	1	0	0	0	2	2	2	0	1	0	1	1	
14	1	3	9	11	4	3	1	1	0	0	0	0	1	
15	6	2	3	6	5	14	5	4	7	0	0	9	6	
16	7	6	5	13	13	10	13	6	6	6	8	2	9	
17	8	17	9	8	12	7	7	12	8	6	6	3	7	
18	0	2	2	2	1	2	0	2	0	2	2	0	2	
19	0	0	2	0	2	0	2	2	0	2	0	0	1	
20	2	4	0	3	2	0	2	3	1	2	5	1	2	
21	2	6	1	0	10	1	3	3	1	0	3	4	3	
22	0	0	3	4	0	2	0	2	0	4	3	2	4	
23	4	3	2	13	10	3	3	2	3	2	2	2	4	
24	0	0	2	3	0	3	2	2	2	0	2	4	2	
25	3	2	2	2	3	4	7	2	4	2	3	0	3	
26	1	1	0	0	0	0	0	0	0	0	2	0	0	
27	1	0	0	5	4	16	0	2	2	4	2	0	3	
28	2	1	6	2	3	0	5	0	5	4	4	2	3	
29	2	1	0	0	2	0	2	0	2	3	3	2	1	
30	0	2	0	2	4	1	1	0	0	2	1	0	1	
31	2	5	0	5	3	2	2	0	1	5	2	2	2	
MEAN	3	3	3	5	3	3	2	3	2	3	3	2	3.0	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "-----" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "-----" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE													MONTH - NOV 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	0	3	0	2	1	0	0	2	0	0	1	
2	0	0	1	0	0	0	2	0	0	2	11	15	3	
3	3	11	0	1	4	0	4	2	7	8	1	4	4	
4	4	3	1	2	0	2	2	21	5	1	0	4	4	
5	2	3	2	1	2	4	0	2	1	2	6	2	2	
6	1	1	0	0	2	2	5	1	3	4	2	1	2	
7	5	2	0	5	6	6	4	11	10	5	2	2	5	
8	0	4	2	1	0	0	2	2	3	4	3	5	2	
9	4	2	2	2	2	2	2	0	4	1	0	1	2	
10	2	2	0	2	1	3	0	0	2	0	0	2	1	
11	0	2	0	3	2	0	0	2	0	2	0	0	1	
12	1	0	0	4	---	2	0	2	0	2	0	0	1	
13	12	5	7	2	9	0	32	2	4	3	7	9	8	
14	12	1	4	0	2	1	4	2	2	4	0	4	3	
15	0	1	0	0	2	2	0	2	0	0	1	4	1	
16	2	0	2	1	0	2	0	2	1	0	9	9	2	
17	8	8	1	10	6	2	2	4	4	5	1	4	5	
18	1	1	0	4	4	0	1	4	0	4	0	1	2	
19	3	0	2	1	0	2	2	1	0	4	0	1	2	
20	4	3	5	5	5	4	2	0	12	2	4	2	4	
21	3	4	8	2	4	2	0	2	2	4	0	1	3	
22	1	0	0	5	4	2	0	8	0	1	5	2	2	
23	2	5	1	1	3	7	4	6	3	6	2	6	4	
24	2	5	6	10	12	12	3	4	2	2	4	2	5	
25	0	2	0	2	2	1	0	2	4	1	1	6	2	
26	2	2	0	2	6	0	1	2	2	7	8	12	4	
27	5	12	4	5	4	0	0	0	0	3	4	4	3	
28	0	3	2	2	2	2	0	0	7	1	4	0	2	
29	4	2	0	0	0	0	4	0	1	2	2	0	1	
30	0	0	1	0	4	1	2	6	1	0	1	0	1	
MEAN	3	3	2	3	3	2	3	3	3	3	3	4	2.8	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "-----" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "-----" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 CCMS/1000 FT

STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE

MONTH - DEC 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	1	0	2	3	0	2	3	2	7	2	2
2	5	0	3	5	1	***	5	8	1	2	1	0	3
3	4	0	3	2	5	0	1	3	5	4	0	2	2
4	4	4	1	5	4	6	3	1	2	4	4	6	4
5	2	0	4	3	12	6	4	0	6	7	13	18	6
6	14	6	5	3	13	2	2	7	1	6	2	4	5
7	5	3	0	2	4	7	1	12	6	4	12	16	6
8	14	9	12	20	12	3	2	2	4	0	2	1	2
9	0	2	2	0	6	0	3	4	2	8	2	0	2
10	4	0	2	5	1	1	3	5	2	2	0	2	2
11	6	2	4	0	2	2	0	1	3	0	4	0	2
12	2	1	1	2	4	3	3	1	6	3	5	4	3
13	2	0	2	3	2	1	1	0	1	2	5	2	1
14	0	1	1	0	0	5	1	0	1	5	0	9	5
15	2	0	1	2	3	5	2	6	16	10	4	0	4
16	5	4	2	9	6	0	2	3	4	6	5	1	3
17	4	2	1	1	2	5	5	5	1	3	4	1	3
18	6	0	2	2	0	0	1	0	1	0	0	0	1
19	1	2	1	0	2	***	6	1	3	0	1	5	2
20	0	0	2	2	2	2	0	1	0	5	3	0	1
21	6	0	0	1	4	0	2	2	0	0	2	1	2
22	2	1	2	2	6	8	3	5	4	4	2	9	4
23	10	6	9	8	12	5	4	5	3	3	4	6	6
24	6	4	5	9	2	5	3	0	0	4	0	3	3
25	2	1	2	0	2	5	3	9	2	3	3	2	3
26	3	1	1	5	0	1	2	0	6	6	4	4	3
27	5	6	6	5	10	4	8	5	8	9	10	14	8
28	18	8	6	12	4	4	8	0	12	5	6	10	8
29	4	6	4	7	6	12	9	8	6	3	4	2	6
30	0	2	4	0	1	6	2	4	3	2	5	7	3
31	7	1	3	5	4	3	4	0	3	2	3	7	4
MEAN	5	2	3	4	4	4	3	3	4	4	4	4	3.6

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 CCMS/1000 FT

STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.1	4	9
FEB	29	1.5	4	19
MAR	31	1.5	4	8
APR	30	1.6	3	7
MAY	29	1.5	3	8
JUN	30	1.5	3	9
JUL	31	1.4	3	8
AUG	28	1.9	4	11
SEP	28	2.0	8	22
OCT	31	3.0	9	17
NOV	30	2.8	8	32
DEC	31	3.6	8	20
YEAR	359	2.0	9	32

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	334	36	0	0	0	0	0	370
FEB	331	14	0	1	0	0	0	346
MAR	348	23	0	0	0	0	0	371
APR	341	18	0	0	0	0	0	359
MAY	347	12	0	0	0	0	0	359
JUN	335	24	0	0	0	0	0	359
JUL	352	16	0	0	0	0	0	368
AUG	287	44	1	0	0	0	0	332
SEP	299	36	2	0	1	0	0	338
OCT	290	82	16	2	0	0	0	370
NOV	296	49	12	0	1	1	0	359
DEC	255	96	14	5	0	0	0	370
YEAR	3815	430	45	8	2	1	0	4301

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.9	0	0.0	0.0	1.2	1.9	4.3	5.8	8.5	11.2	32	2.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE

MONTH - JAN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	8	8	2	3	5	4	3	1	5	2	2	4	4
2	4	2	4	0	1	4	----	----	2	2	4	2	3
3	0	0	3	4	1	2	0	0	0	4	2	6	2
4	4	3	6	7	2	6	0	0	4	1	7	3	4
5	0	0	1	0	6	2	2	2	7	5	4	8	3
6	5	3	6	3	5	2	2	0	2	11	2	3	4
7	2	2	0	5	0	2	0	0	0	0	0	0	1
8	2	0	0	3	2	0	0	0	3	5	2	0	1
9	2	0	5	3	4	0	4	0	0	1	7	2	2
10	7	2	5	5	6	2	0	2	2	2	1	2	3
11	1	0	2	7	0	0	5	0-	3	0	2	0	2
12	2	0	0	2	2	0	2	0	1	1	5	2	1
13	2	3	6	2	0	6	1	2	2	3	2	3	3
14	0	2	1	2	6	6	3	2	5	3	5	3	3
15	2	8	3	11	20	2	6	0	2	2	0	2	5
16	2	2	1	4	1	4	1	4	3	6	2	6	3
17	2	1	0	5	2	3	2	6	2	4	3	0	3
18	0	3	2	2	2	2	3	0	0	2	2	1	2
19	3	0	1	5	0	3	0	2	2	0	3	2	2
20	0	0	0	2	2	0	2	0	3	2	2	4	1
21	2	0	2	6	2	2	----	0	7	4	7	5	3
22	0	4	3	5	2	0	0	2	5	0	0	3	2
23	0	3	0	2	0	5	3	2	5	4	1	5	3
24	0	1	0	3	2	0	4	2	4	2	8	5	3
25	1	3	5	5	11	2	3	2	3	3	6	6	4
26	2	3	2	5	0	2	0	3	0	4	3	0	2
27	0	2	3	2	2	0	0	2	6	3	5	2	2
28	4	2	0	5	0	1	2	1	5	0	8	4	3
29	1	4	5	2	8	2	2	3	6	2	2	0	3
30	5	2	4	2	2	1	1	2	3	2	1	3	2
31	3	0	3	4	4	3	5	3	2	3	0	3	4
MEAN	2	2	2	4	3	2	2	1	3	3	3	3	2.6

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "-----" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "0-" INDICATES DATA IS UNAVAILABLE

3. "-----" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - C NO 35008 22 THIRTY SIXTH ST. ETOWICOKO													MONTH - FEB 80
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	2	0	4	6	0	3	2	0	5	3	2
2	2	3	1	0	0	7	2	0	0	3	5	5	2
3	5	3	0	0	5	2	6	0	7	5	3	2	3
4	3	0	2	6	1	5	0	3	3	0	2	5	3
5	6	7	2	11	5	2	0	2	7	7	2	8	5
6	5	3	4	7	5	4	2	2	7	4	2	7	4
7	3	5	4	7	2	4	6	2	5	7	1	3	4
8	3	2	7	5	0	4	2	3	2	2	0	8	3
9	2	6	3	2	0	3	2	0	0	2	3	3	2
10	0	2	3	3	0	0	2	0	7	5	3	0	2
11	6	4	6	3	2	5	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
12							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
13							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
14							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
15							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
16							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
17							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
18							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
19							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
20							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
21							DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
22	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	0	9	3	3	-	DATA INVALID
23	1	1	2	2	0	0	2	1	0	0	2	2	1
24	3	2	0	0	0	3	0	2	1	2	0	2	1
25	1	0	0	2	2	1	DATA INVALID	0	0	3	4	1	1
26	2	8	1	0	0	3	0	0	0	2	7	2	2
27	3	0	0	15	2	0	2	0	0	0	0	4	2
28	2	0	2	0	0	2	1	0	7	2	0	2	2
29	0	2	2	6	2	1	5	1	0	2	2	0	2
MEAN	3	3	2	4	2	3	2	1	3	3	2	3	2.6

PERCENTAGE OF DATA VALID - 61.2

PERCENTAGE OF DATA INVALID - 38.5

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - C NO 35008 22 THIRTY SIXTH ST. ETOWICOKO													MONTH - MAR 80
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	7	2	3	3	1	0	0	2	0	0	5	2
2	1	0	0	7	5	1	5	1	0	0	6	2	2
3	3	0	3	2	3	0	0	3	0	0	1	1	1
4	0	2	0	0	4	2	2	5	2	2	1	0	2
5	10	2	3	2	2	2	6	3	0	3	2	0	3
6	2	3	1	0	2	0	0	1	0	6	2	0	1
7	2	2	5	3	3	5	3	2	3	3	1	2	3
8	0	2	2	0	0	5	3	2	0	1	0	7	2
9	3	3	1	2	0	2	0	0	2	3	3	2	2
10	0	0	1	2	2	2	0	0	3	0	0	0	1
11	0	0	0	0	3	1	DATA INVALID	0	0	2	0	0	1
12	0	0	2	0	2	2	1	5	2	0	0	3	2
13	0	0	3	0	5	2	3	1	0	5	1	2	2
14	0	2	0	2	6	2	0	1	4	3	3	0	2
15	3	3	2	5	1	3	2	2	4	3	3	2	3
16	9	9	2	1	3	0	2	0	0	1	7	4	3
17	3	1	2	12	19	3	11	3	1	2	5	3	5
18	0	0	7	1	0	2	2	2	2	0	3	3	2
19	3	7	9	5	2	3	2	2	0	2	5	4	4
20	1	5	2	5	2	5	3	1	0	3	1	3	3
21	3	5	2	0	7	5	2	0	0	0	2	2	2
22	0	7	2	0	0	0	4	2	4	1	2	5	2
23	4	2	5	3	0	2	2	2	6	2	3	4	3
24	2	10	2	2	3	0	0	3	2	3	5	4	3
25	2	3	2	2	3	0	3	0	3	2	4	2	2
26	0	2	0	0	0	2	3	5	2	0	3	0	1
27	2	4	1	7	2	3	2	2	0	0	0	3	2
28	2	3	7	5	8	2	3	0	5	2	11	5	4
29	6	3	2	0	1	7	2	3	3	5	2	3	3
30	3	0	7	2	7	2	2	0	0	2	2	0	2
31	3	2	0	3	0	0	3	2	DATA INVALID	DATA INVALID	DATA INVALID	3	2
MEAN	2	3	2	2	3	2	2	2	2	2	3	2	2.3

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE

MONTH - APR 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	3	5	1	4	5	2	0	2	0	1	3	2
2	0	2	0	2	3	2	1	2	2	0	4	2	2
3	2	2	5	3	7	7	3	1	2	2	0	0	3
4	2	0	3	0	5	3	1	2	0	0	0	2	2
5	0	2	0	0	2	0	0	2	0	0	0	2	1
6	2	1	0	2	1	0	2	2	2	2	2	0	1
7	0	0	2	5	1	3	2	1	2	0	2	2	2
8	3	0	2	2	2	6	6	0	2	3	0	0	2
9	0	1	0	2	2	2	2	3	2	1	2	1	2
10	1	0	5	1	2	2	0	1	0	2	2	3	2
11	2	3	3	2	3	0	0	3	0	3	4	0	2
12	2	2	0	3	2	0	2	0	2	3	0	2	2
13	1	0	0	2	0	0	1	0	2	3	2	3	1
14	2	0	2	0	0	1	2	0	3	0	0	0	1
15	0	0	4	3	0	1	2	2	0	0	2	0	1
16	0	0	1	0	2	0	1	2	1	2	5	2	1
17	1	4	3	0	2	0	0	1	0	0	0	2	1
18	0	3	2	2	2	1	2	2	0	3	1	2	2
19	0	2	3	3	0	2	0	2	2	2	3	2	2
20	3	0	2	2	0	2	2	0	1	2	0	3	1
21	0	0	4	2	3	2	0	6	2	2	0	6	2
22	2	5	5	3	3	2	0	0	2	2	0	0	2
23	5	0	1	0	0	5	4	0	2	5	0	4	2
24	3	0	5	2	4	0	0	3	8	1	0	4	3
25	2	3	2	0	0	1	0	1	1	0	2	7	2
26	3	2	3	0	4	2	0	2	0	0	0	6	2
27	4	5	2	4	2	2	2	1	2	2	3	2	3
28	1	3	0	5	0	2	1	0	2	2	2	2	2
29	1	0	0	3	2	2	2	0	0	0	0	0	1
30	4	4	3	1	0	4	1	0	1	2	4	3	2
MEAN	2	2	2	2	2	2	1	1	2	1	1	2	1.7

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE

MONTH - MAY 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	1	2	1	9	0	4	0	2	1	4	4	3
2	0	0	2	2	2	2	2	3	0	2	2	3	2
3	3	6	2	7	2	1	0	2	0	1	1	0	2
4	2	2	0	0	2	0	0	2	2	0	0	3	1
5	2	1	1	0	1	2	1	0	2	2	1	2	1
6	1	0	0	2	2	1	1	0	3	0	0	0	1
7	2	0	0	3	1	1	1	2	0	0	0	0	1
8	2	3	2	3	1	0	1	1	1	1	0	1	1
9	0	0	2	3	0	0	0	0	0	2	1	0	1
10	1	1	6	2	1	1	1	0	0	2	2	2	2
11	4	0	1	0	4	0	0	0	0	0	0	2	1
12	2	1	2	0	2	2	1	1	0	3	2	0	1
13	2	3	0	2	1	2	2	2	2	2	1	2	2
14	3	1	2	1	2	0	1	0	2	0	0	2	1
15	0	0	3	0	0	0	1	0	2	0	0	2	1
16	2	0	2	2	2	0	2	2	1	2	1	4	2
17	4	1	2	2	0	0	2	0	0	2	1	1	1
18	1	0	1	0	0	0	2	0	1	2	2	1	1
19	1	1	1	0	1	0	1	1	2	0	0	0	1
20	1	0	1	1	1	0	0	0	2	2	2	2	1
21	9	7	1	7	3	2	1	2	3	0	0	3	3
22	0	0	1	0	0	5	2	2	3	0	1	1	1
23	4	0	3	2	3	2	1	2	2	2	7	2	3
24	5	0	1	1	3	1	2	0	3	0	0	1	1
25	1	0	0	0	0	0	2	2	0	0	2	2	1
26	0	0	0	0	0	0	0	0	4	2	0	0	1
27	0	0	2	2	2	0	0	0	0	0	0	0	1
28	0	3	0	2	3	0	0	0	2	2	2	5	2
29	2	0	2	0	0	2	1	1	0	0	1	2	1
30	3	0	0	0	0	0	0	2	0	0	7	0	1
31	3	0	2	2	0	2	0	0	0	2	0	0	1
MEAN	2	1	1	2	2	1	1	1	1	1	2	2	1.3

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CONCS/1000 FT	
STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE													MONTH - JUN 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	0	0	2	0	0	2	0	2	0	1	
2	0	1	1	3	2	0	1	1	0	3	3	1	1	
3	2	0	0	0	3	0	0	0	2	0	2	2	1	
4	0	0	2	0	5	2	0	0	0	2	1	2	1	
5	0	0	0	2	2	0	2	0	0	2	0	0	1	
6	0	0	1	5	3	0	2	1	2	0	3	0	2	
7	1	0	0	4	0	2	0	0	0	0	2	0	1	
8	0	0	0	1	0	0	1	0	0	0	2	0	0	
9	1	0	0	0	3	0	0	2	2	0	3	4	1	
10	2	0	2	2	2	2	0	***	0	4	0	0	1	
11	0	1	0	1	1	2	0	2	0	0	0	1	1	
12	8	2	4	7	3	2	2	2	0	0	2	2	3	
13	4	3	0	3	2	2	0	2	2	0	0	2	2	
14	0	4	2	0	0	1	2	1	4	3	0	4	1	
15	4	2	0	3	0	3	2	2	0	0	0	0	1	
16	2	1	0	0	6	2	0	2	4	0	0	0	2	
17	0	1	3	5	4	3	2	3	0	0	2	1	1	
18	1	0	1	0	0	2	1	4	0	0	2	1	2	
19	1	3	3	2	1	2	2	1	2	1	2	1	2	
20	0	0	1	0	2	1	1	2	2	0	0	4	1	
21	4	0	0	3	2	0	2	0	1	2	0	2	1	
22	0	0	2	0	1	0	0	6	0	0	0	2	1	
23	0	0	1	1	0	2	0	0	2	3	0	1	1	
24	1	2	2	8	2	4	***	9	2	2	2	4	3	
25	1	4	3	3	3	2	1	1	1	7	3	3	3	
26	2	3	0	2	2	2	5	0	0	3	3	1	2	
27	3	1	2	2	4	2	0	0	1	2	2	0	2	
28	0	0	0	1	0	0	0	0	0	3	1	0	1	
29	0	0	2	1	0	1	0	4	0	1	2	0	1	
30	0	2	2	0	0	0	2	0	2	2	0	2	1	
MEAN	1	1	1	2	2	1	1	2	1	1	2	1	1.4	

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CONCS/1000 FT	
STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE													MONTH - JUL 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	0	2	4	0	0	1	1	1	0	2	1	
2	2	0	0	2	0	2	2	3	2	1	0	2	1	
3	1	4	2	10	4	2	0	0	2	2	4	1	3	
4	3	3	2	0	2	2	***	-	-	-	-	-	*****	
5							- DATA UNAVAILABLE -							
6							- DATA UNAVAILABLE -							
7							- DATA UNAVAILABLE -							
8							- DATA UNAVAILABLE -							
9							- DATA UNAVAILABLE -							
10							- DATA UNAVAILABLE -							
11							- DATA UNAVAILABLE -							
12							- DATA UNAVAILABLE -							
13	-	-	-	-	-	-	***	0	0	0	0	2	*****	
14	0	3	0	0	0	1	***	2	1	1	0	1	1	
15	1	2	3	4	5	2	3	2	2	4	0	1	2	
16	0	0	7	2	2	0	2	2	1	4	0	0	1	
17	0	2	***	2	1	2	5	2	0	0	0	0	1	
18	0	1	0	2	0	2	2	0	2	2	0	3	1	
19	0	0	2	2	0	2	0	0	2	2	0	2	2	
20	3	3	1	0	1	2	1	1	2	4	0	2		
21	2	1	1	0	1	0	1	2	1	0	0	2	1	
22	2	0	4	2	0	6	2	0	2	4	2	0	2	
23	0	1	1	1	1	2	0	0	0	0	2	4	1	
24	1	2	2	4	4	1	4	2	0	0	1	0	2	
25	1	1	0	1	0	0	2	0	4	1	2	0	1	
26	0	0	2	1	1	2	1	2	0	2	2	2	2	
27	2	3	2	2	2	2	1	1	4	2	0	1	2	
28	0	1	0	1	0	0	0	0	0	2	1	1	1	
29	4	1	2	2	1	2	***	-	-	-	-	-	*****	
30							- DATA UNAVAILABLE -							
31							- DATA UNAVAILABLE -							
MEAN	1	2	2	2	1	2	1	1	1	2	1	1	1.4	

PERCENTAGE OF DATA VALID - 62.1 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 36.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE													MONTH - AUG 80	
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1													- DATA UNAVAILABLE -	
2													- DATA UNAVAILABLE -	
3													- DATA UNAVAILABLE -	
4													- DATA UNAVAILABLE -	
5	-	-	-	-	-	-	-	2	2	1	0	1	*****	
6	0	0	0	2	1	1	1	1	0	0	6	2	1	
7	2	0	1	2	2	2	3	0	0	2	1	1	1	
8	2	2	1	3	2	0	3	3	0	0	1	2	2	
9	0	0	0	0	0	3	2	2	1	0	0	1	1	
10	0	2	0	0	1	0	2	0	2	2	0	3	1	
11	3	2	6	5	1	3	1	0	0	2	2	0	2	
12	2	2	2	0	0	2	0	0	0	2	0	0	:	
13	2	2	1	5	3	2	2	0	3	0	2	4	2	
14	2	1	0	2	3	1	1	3	0	0	1	3	1	
15	0	1	0	3	2	0	1	2	2	0	2	0	1	
16	0	0	1	2	4	1	0	0	3	0	1	1	1	
17	0	6	0	2	2	2	0	0	0	0	0	1	1	
18	2	2	0	0	1	1	2	0	0	0	0	2	1	
19	2	2	4	2	2	2	3	0	1	3	0	3	2	
20	2	2	4	4	3	2	2	0	1	0	2	3	2	
21	3	0	4	2	1	0	0	3	2	2	2	2	2	
22	2	2	0	0	1	2	0	1	2	2	4	11	2	
23	6	2	2	1	0	2	0	4	0	0	2	4	2	
24	2	2	0	1	0	0	0	1	1	4	4	4	1	
25	2	0	9	2	5	2	2	2	3	1	1	1	3	
26	2	2	4	3	0	2	2	2	2	1	1	1	*****	
27													- DATA UNAVAILABLE -	
28													- DATA UNAVAILABLE -	
29													- DATA UNAVAILABLE -	
30													- DATA UNAVAILABLE -	
31													- DATA UNAVAILABLE -	
MEAN	2	2	2	2	2	1	1	1	1	1	1	2	1.5	

PERCENTAGE OF DATA VALID - 67.5

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 32.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE													MONTH - SEP 80	
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1													- DATA UNAVAILABLE -	
2													- DATA UNAVAILABLE -	
3	-	-	-	-	-	-	3	2	0	0	2	0	*****	
4	0	3	2	0	0	2	2	0	0	0	5	0	1	
5	0	2	0	0	2	0	3	2	0	3	0	2	1	
6	0	2	3	5	0	0	0	2	2	0	4	1	2	
7	0	0	0	0	0	0	3	0	0	0	3	5	1	
8	3	0	9	0	4	0	0	3	3	0	2	5	2	
9	4	2	2	9	0	2	2	0	0	0	0	0	2	
10	0	4	2	5	0	0	2	0	0	0	5	1	2	
11	0	0	0	0	2	0	2	0	0	3	3	5	1	
12	0	2	2	0	0	0	0	2	0	0	0	0	1	
13	0	2	0	0	0	0	0	2	0	0	0	2	1	
14	3	0	2	0	0	3	0	2	0	0	0	4	1	
15	5	0	0	2	0	0	3	2	0	2	2	2	2	
16	0	0	0	0	0	0	0	2	0	2	2	0	1	
17	0	2	4	0	0	5	0	0	0	2	5	2	2	
18	5	2	0	5	3	2	0	0	2	0	3	0	2	
19	2	3	0	3	2	2	0	2	0	2	0	0	1	
20	2	0	5	3	3	0	0	1	2	1	3	0	2	
21	7	2	0	0	0	2	2	0	0	0	0	2	1	
22	0	0	0	5	0	5	0	0	0	0	0	0	1	
23	1	0	2	0	0	2	0	2	0	0	0	0	1	
24	2	0	4	3	0	0	0	2	2	0	0	0	1	
25	0	2	2	5	7	4	5	2	0	0	2	3	3	
26	3	2	0	0	0	2	0	3	2	9	0	0	2	
27	0	0	2	0	0	0	0	2	3	0	0	2	1	
28	0	5	3	2	0	4	0	2	0	0	2	0	1	
29	2	1	0	0	2	0	3	0	2	2	3	5	2	
30	5	17	4	13	7	12	0	7	1	0	3	3	6	
MEAN	2	2	2	2	1	2	1	2	1	1	2	2	1.5	

PERCENTAGE OF DATA VALID - 91.1

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 8.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE													MONTH - OCT 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	7	3	9	3	2	2	0	2	0	0	5	3	
2	0	0	0	2	0	0	0	7	2	3	3	2	2	
3	3	2	2	1	0	0	0	3	2	5	0	5	2	
4	0	3	0	3	0	0	0	0	0	0	0	2	1	
5	0	0	0	2	2	2	2	0	0	2	0	2	1	
6	2	2	5	0	2	2	0	4	0	0	2	2	5	
7	2	7	0	19	5	5	5	3	3	0	0	0	2	
8	2	3	2	5	3	2	2	0	0	2	0	7	3	
9	3	2	2	13	0	2	0	2	0	2	2	2	2	
10	0	2	7	9	1	1	0	2	0	2	2	2		
11	3	1	2	3	3	2	0	0	0	0	2	0	1	
12	0	0	0	2	0	0	0	0	0	0	0	0	0	
13	0	0	0	7	0	0	0	0	0	1	0	3	1	
14	5	2	0	0	0	0	2	0	0	2	2	3	2	
15	2	0	3	2	0	0	***	0	0	0	0	5	1	
16	2	2	3	3	5	3	2	2	3	2	2	3	3	
17	3	0	3	2	2	0	5	2	0	0	2	0	2	
18	0	0	0	2	0	0	2	0	0	0	2	1	1	
19	0	0	0	0	2	2	2	0	2	2	0	0	0	
20	0	0	0	0	0	2	0	1	0	3	0	2	1	
21	0	0	2	1	0	0	2	0	2	0	0	0	1	
22	0	0	0	2	0	0	0	2	2	0	3	2	1	
23	3	0	3	3	1	0	0	0	0	0	0	0	1	
24	0	0	0	0	0	0	2	0	0	0	2	0	0	
25	0	0	2	0	2	0	2	0	0	0	2	0	1	
26	3	0	0	1	0	0	0	0	4	2	2	2	1	
27	2	0	2	2	2	0	0	1	4	4	2	2	2	
28	2	0	3	0	2	***	0	0	3	2	0	2	1	
29	0	2	0	2	2	0	1	0	2	0	2	1	1	
30	0	1	0	1	2	0	2	1	0	1	2	0	1	
31	1	2	1	2	0	0	0	0	0	2	1	1	1	
MEAN	1	1	2	3	1	1	1	1	1	1	1	2	1.4	

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE													MONTH - NOV 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	1	0	1	2	2	0	1	1	0	0	1	
2	2	0	2	2	0	0	2	0	2	2	9	2	2	
3	4	0	2	1	2	1	2	0	0	4	0	2	2	
4	1	2	1	0	1	3	2	0	1	1	2	1	1	
5	0	0	0	2	0	2	2	2	1	2	0	2	1	
6	0	2	0	2	1	1	1	0	2	2	2	2	1	
7	0	1	0	1	2	2	3	3	2	2	2	0	2	
8	2	1	0	2	1	1	1	0	0	1	1	1	1	
9	2	2	0	0	3	1	1	2	2	2	0	0	1	
10	2	0	1	0	0	0	1	0	0	0	2	1	1	
11	1	0	0	2	1	0	0	2	0	0	2	0	1	
12	0	0	0	1	2	1	0	2	2	2	2	2	1	
13	2	2	0	2	1	2	2	0	2	2	1	2	1	
14	3	1	3	0	3	0	1	0	2	0	0	2	2	
15	1	4	2	0	3	0	0	5	0	1	1	1	2	
16	2	1	1	1	0	0	0	2	3	3	3	6	3	
17	6	8	1	4	3	0	3	1	1	0	2	2	3	
18	0	3	0	2	0	2	3	2	2	1	2	2	2	
19	2	2	1	1	2	0	3	2	0	1	3	1	2	
20	4	1	0	2	2	4	2	0	0	1	4	2		
21	0	3	0	4	0	0	2	1	0	2	0	0	1	
22	2	0	0	2	2	2	2	2	4	3	0	2	2	
23	2	2	0	0	0	0	3	2	1	5	0	3	2	
24	2	0	2	3	2	2	3	2	0	2	1	1	2	
25	1	0	0	5	2	2	0	0	2	5	7	2	2	
26	0	2	3	1	0	2	1	0	1	0	0	3	1	
27	3	3	0	2	0	2	0	1	2	2	0	0	1	
28	0	0	0	2	1	2	0	2	2	0	1	0	1	
29	0	2	0	2	3	1	2	0	0	2	0	2	1	
30	0	1	3	2	1	1	0	3	0	2	0	2		
MEAN	1	1	1	2	1	1	2	1	1	2	2	2	1.4	

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE

MONTH - DEC 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	2	2	4	2	2	0	2	0	0	1
2	0	2	2	0	3	2	2	2	3	0	0	0	1
3	0	2	0	0	3	0	1	0	0	2	4	2	1
4	1	2	0	0	2	2	0	***	0	3	2	2	1
5	3	2	0	3	3	2	0	0	2	2	7	9	3
6	7	12	0	3	2	2	0	2	0	3	0	0	3
7	2	0	0	2	2	0	0	0	7	5	9	3	3
8	3	3	2	2	0	0	2	0	2	2	2	0	2
9	0	0	0	0	9	0	3	0	0	3	0	0	1
10	0	0	0	0	0	0	3	2	1	2	0	2	1
11	2	0	2	2	3	0	0	0	0	3	0	0	1
12	0	0	0	4	3	0	0	0	0	0	2	3	1
13	0	0	2	0	0	2	3	0	2	0	0	0	1
14	0	0	0	0	0	0	2	0	0	0	0	0	0
15	0	0	0	2	0	2	0	0	0	7	9	5	2
16	0	2	0	9	2	0	2	2	2	2	3	3	2
17	0	0	0	0	3	0	2	0	0	2	0	0	1
18	3	3	0	0	0	0	0	0	0	0	2	2	1
19	0	0	2	2	3	0	3	0	0	0	0	0	1
20	0	2	0	2	2	2	2	0	0	2	0	0	1
21	2	2	0	2	0	0	0	0	0	0	3	0	1
22	3	2	0	2	0	0	0	0	0	0	0	5	1
23	3	2	2	2	9	0	0	3	0	3	0	0	2
24	4	2	3	0	2	3	2	5	0	0	0	0	2
25	0	3	0	0	0	0	0	2	0	3	0	0	1
26	0	3	2	2	0	0	0	0	0	2	0	2	1
27	0	2	2	2	7	2	0	3	2	3	4	9	3
28	5	3	3	3	5	3	3	3	3	2	2	2	3
29	0	5	2	0	3	5	2	9	0	4	2	2	3
30	0	0	0	2	0	0	0	***	0	2	3	0	1
31	0	0	0	2	3	3	0	3	2	3	3	2	4
MEAN	1	2	1	2	2	1	1	1	1	2	2	2	1.5

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 35008 22 THIRTY SIXTH ST. ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.6	5	20
FEB	17	2.6	5	15
MAR	31	2.3	5	19
APR	30	1.7	3	8
MAY	31	1.3	3	9
JUN	30	1.4	3	9
JUL	18	1.4	3	10
AUG	20	1.5	3	11
SEP	27	1.5	6	17
OCT	31	1.4	5	19
NOV	30	1.4	3	9
DEC	31	1.5	3	12
YEAR	327	1.7	6	20

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 35008 22 THIRTY SIXTH ST, ETOBICOKE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	299	66	3	1	0	0	0	369
FEB	167	44	2	0	0	0	0	213
MAR	311	53	3	1	0	0	0	368
APR	335	24	0	0	0	0	0	359
MAY	358	13	0	0	0	0	0	371
JUN	346	12	0	0	0	0	0	358
JUL	226	5	0	0	0	0	0	231
AUG	242	8	1	0	0	0	0	251
SEP	298	27	2	1	0	0	0	328
OCT	346	22	1	1	0	0	0	370
NOV	351	9	0	0	0	0	0	360
DEC	340	21	1	0	0	0	0	370
YEAR	3627	304	13	4	0	0	0	3948

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
89.9	0	0.0	0.0	1.1	1.8	3.5	4.8	6.7	8.2	20	1.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE

MONTH - JAN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	14	3	4	1	2	2	1	1	5	2	0	2	3
2	0	3	4	2	8	2	3	1	3	3	1	1	3
3	3	0	1	3	6	2	0	3	1	3	8	3	3
4	4	4	3	8	5	6	2	0	0	2	3	1	3
5	0	2	3	1	5	1	0	0	0	3	1	2	2
6	1	2	1	3	1	2	2	2	1	1	0	0	1
7	1	0	0	2	2	2	1	1	1	1	0	0	1
8	0	0	0	0	5	2	0	0	2	0	2	1	1
9	3	1	0	3	1	4	4	5	2	1	0	0	2
10	2	3	11	5	5	2	1	0	0	1	4	2	3
11	0	3	2	3	2	0	0	2	0	2	2	0	1
12	1	2	2	2	2	0	0	2	1	0	2	0	1
13	3	2	2	2	1	2	2	2	1	4	3	1	2
14	4	1	1	5	2	3	8	9	3	2	4	2	4
15	3	2	4	8	9	3	1	4	2	4	3	3	4
16	1	3	1	1	6	2	4	3	2	2	4	2	3
17	1	5	2	8	14	5	2	3	2	4	1	0	4
18	0	2	0	2	2	1	1	3	4	1	3	2	2
19	2	0	0	2	1	0	0	1	2	1	3	0	1
20	0	2	0	0	0	0	0	0	1	0	3	3	1
21	0	0	0	0	5	2	2	2	1	3	2	4	2
22	2	1	0	0	2	1	0	0	1	5	4	2	2
23	0	0	0	2	4	2	2	2	5	0	0	5	2
24	0	0	2	1	1	3	1	2	3	5	2	2	3
25	0	1	5	3	6	6	2	3	2	3	2	2	1
26	0	0	0	0	0	1	1	0	2	0	5	0	0
27	0	0	2	0	0	0	0	0	5	2	0	1	2
28	2	0	2	0	1	5	0	3	4	2	2	0	1
29	0	0	2	0	2	6	1	0	4	2	0	2	1
30	0	1	2	0	0	2	0	0	3	2	2	2	1
31	0	0	2	0	0	0	0	2	0	2	0	2	1
MEAN	2	1	2	2	3	2	1	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".*" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION -	C NO 35050	MOE LAB RESOURCES RD				ETOBICOKE				MONTH - FEB 80			
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	3	0	0	2	1	1	4	2	1	0	1
2	2	0	2	0	0	2	1	0	2	3	1	1	1
3	0	0	2	2	2	2	0	2	2	2	1	1	1
4	2	0	2	0	2	3	2	2	1	1	1	7	2
5	2	0	2	4	7	3	2	0	0	0	0	2	2
6	0	2	6	3	5	3	0	0	3	0	0	2	3
7	2	2	2	5	2	2	0	0	3	2	1	2	3
8	0	0	2	4	2	4	2	***	3	3	2	2	2
9	2	0	1	2	1	0	0	0	0	3	1	3	2
10	2	0	0	1	2	0	1	0	2	0	0	0	1
11	2	0	1	1	2	0	2	2	2	1	3	3	2
12	3	2	0	7	3	3	2	2	2	2	0	2	2
13	4	3	2	2	4	2	0	0	1	2	0	3	2
14	2	2	2	2	7	2	1	1	2	1	4	2	2
15	2	1	3	4	5	3	1	0	0	0	2	0	2
16	0	0	0	0	2	2	0	0	0	0	0	0	0
17	0	0	3	2	2	1	0	0	1	0	0	1	1
18	2	0	2	0	2	0	0	0	2	0	0	2	1
19	0	0	0	0	2	0	0	3	6	9	10	12	4
20	6	2	8	13	8	10	6	9	11	9	9	8	8
21	9	4	1	5	4	4	2	2	1	0	0	3	3
22	0	0	0	2	3	2	2	3	3	2	2	2	2
23	0	2	0	0	1	1	0	0	2	2	3	2	1
24	1	0	2	3	2	1	1	0	2	3	0	3	2
25	2	1	2	5	2	2	1	1	1	0	0	0	1
26	0	6	2	0	1	2	2	1	0	2	1	0	1
27	0	2	0	3	4	4	3	3	2	1	2	0	2
28	0	2	0	4	1	0	0	0	0	2	2	0	1
29	1	1	2	2	1	3	2	***	3	2	3	1	2
MEAN	2	1	2	3	3	2	1	1	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION -	C NO 35050	MOE LAB RESOURCES RD				ETOBICOKE				MONTH - MAR 80			
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	1	0	1	2	2	0	0	0	2	1	2	1
2	2	2	0	2	2	0	0	0	3	1	2	2	1
3	3	1	2	2	2	3	3	0	2	2	2	1	2
4	3	1	3	5	3	2	1	2	1	2	2	6	3
5	3	2	1	5	10	4	7	9	2	0	2	0	4
6	2	2	1	2	3	3	0	3	1	3	2	1	2
7	0	3	2	3	5	3	3	1	2	2	6	2	3
8	4	1	0	3	1	0	5	2	1	2	0	2	2
9	1	2	0	0	1	4	1	2	5	2	2	2	2
10	2	0	3	5	3	5	2	5	2	2	0	0	2
11	0	0	0	2	3	2	0	10	2	1	0	0	2
12	0	2	0	2	0	2	2	1	0	1	2	2	1
13	2	0	0	1	2	0	0	1	2	0	0	2	1
14	2	3	1	6	1	2	2	6	2	0	4	3	1
15	2	0	0	2	0	1	2	1	0	1	0	2	2
16	4	6	2	2	0	2	2	0	2	4	2	4	3
17	4	4	5	15	10	3	3	5	5	5	3	1	5
18	0	2	0	1	3	1	5	2	4	2	4	3	2
19	5	2	6	8	6	1	0	1	6	3	3	6	4
20	7	8	5	5	7	2	5	2	2	4	5	4	5
21	4	7	4	3	6	6	3	3	0	1	1	0	3
22	3	0	1	0	0	4	2	0	0	3	3	1	1
23	0	1	1	1	0	2	2	2	0	3	2	1	1
24	2	4	4	2	3	2	2	1	2	5	4	3	3
25	2	0	3	2	1	1	2	2	2	2	2	6	2
26	2	0	2	2	2	0	2	0	3	2	2	1	2
27	2	3	2	8	6	2	2	3	3	4	0	7	4
28	5	2	7	7	7	2	3	8	7	7	7	3	5
29	6	2	5	3	4	2	2	1	3	2	3	0	3
30	0	3	4	2	0	2	0	2	2	3	2	1	2
31	2	2	0	3	3	1	2	2	0	5	5	2	2
MEAN	2	2	2	3	3	2	2	2	2	2	2	2	2.4

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE														MONTH - APR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	6	7	5	4	8	4	5	0	4	7	4	3	5		
2	7	2	5	5	4	4	3	3	3	2	2	2	4		
3	2	6	2	8	0	4	2	2	0	1	3	3	3		
4	2	2	0	3	6	1	3	2	1	2	2	2	2		
5	2	1	1	0	2	0	3	2	2	1	3	3	2		
6	3	3	2	1	2	0	1	2	0	2	3	2	3		
7	2	2	2	3	5	2	2	4	3	4	2	6	3		
8	2	5	3	2	4	2	3	2	7	1	3	2	3		
9	6	2	4	7	6	2	2	0	3	5	3	0	4		
10	2	4	2	0	1	2	4	3	0	3	0	0	2		
11	2	2	3	2	5	4	2	3	2	0	2	2	3		
12	2	6	2	4	3	3	5	3	3	0	2	0	3		
13	3	3	2	0	0	0	0	5	0	4	1	2	2		
14	3	0	2	2	1	2	0	2	0	5	5	2	2		
15	3	3	2	2	1	3	***	***	0	2	2	2	2		
16	2	0	0	2	0	0	2	0	4	2	2	2	4		
17	1	7	10	9	2	3	***	***	4	0	3	7	4		
18	4	2	7	3	3	2	3	3	4	7	7	8	4		
19	2	2	3	5	5	3	5	2	2	2	0	2	2		
20	3	1	0	3	1	0	1	3	3	2	7	3	2		
21	0	0	2	2	2	0	3	0	2	2	0	3	1		
22	5	5	3	6	3	7	2	0	0	0	0	6	3		
23	2	1	0	1	3	5	3	2	2	0	0	2	2		
24	2	2	3	1	2	0	4	5	2	1	3	4	2		
25	2	2	5	1	3	2	2	3	5	3	1	4	3		
26	2	3	0	3	2	3	3	2	3	6	6	3	3		
27	3	3	0	5	2	0	0	1	0	2	0	2	2		
28	0	1	2	2	8	2	2	3	1	0	3	2	2		
29	0	2	1	2	3	1	3	2	0	2	3	2	2		
30	3	7	7	9	2	6	5	1	3	7	6	3	2		
MEAN	3	3	3	3	3	2	3	2	2	2	2	3	2.6		

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE														MONTH - MAY 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	7	3	3	7	2	3	3	3	6	7	1	2	4		
2	2	2	2	3	4	2	7	1	2	0	9	0	3		
3	3	6	4	2	0	2	0	0	4	1	2	0	2		
4	2	1	0	5	1	1	0	2	2	2	1	1	2		
5	2	2	2	5	7	2	2	2	4	5	4	3	3		
6	3	0	3	5	2	0	2	***	0	1	2	2	2		
7	4	3	2	2	2	2	0	3	0	2	4	1	1		
8	0	1	0	3	2	0	0	4	2	3	3	0	2		
9	1	2	0	0	4	2	2	3	2	3	3	0	2		
10	2	0	2	2	0	2	4	2	4	2	1	3	2		
11	3	1	3	1	0	0	1	1	0	4	7	8	2		
12	1	2	1	0	0	2	0	2	2	0	4	4	2		
13	3	2	2	2	1	0	2	6	2	1	1	4	2		
14	0	0	***	***	1	0	1	0	0	0	2	0	0		
15	1	0	2	2	2	2	0	2	0	1	3	4	2		
16	1	3	2	2	3	1	4	2	2	1	4	6	3		
17	3	3	4	5	0	1	1	1	0	1	3	2	2		
18	2	2	0	1	0	0	2	1	0	1	2	2	1		
19	1	0	1	2	0	0	1	0	2	0	2	0	1		
20	1	2	2	1	3	2	4	3	0	0	5	5	2		
21	4	2	3	3	9	2	4	***	9	2	3	8	4		
22	0	7	3	2	7	2	2	0	2	1	8	4	3		
23	4	5	8	15	12	9	10	2	2	2	8	2	7		
24	1	0	7	4	1	4	6	2	2	1	0	0	2		
25	3	1	0	0	2	0	1	0	0	0	12	0	2		
26	2	2	4	5	2	2	1	0	2	2	2	0	2		
27	0	3	2	3	0	2	2	0	1	0	5	0	2		
28	0	2	2	0	4	0	2	3	6	3	1	1	2		
29	7	4	6	2	0	2	2	2	0	0	2	2	2		
30	0	0	9	5	7	0	5	9	3	2	4	0	4		
31	0	2	1	2	2	0	0	0	0	0	1	0	1		
MEAN	2	2	3	3	3	2	2	2	2	1	4	2	2.3		

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE														MONTH - JUN 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	0	0	0	2	0	2	2	0	0	2	4	1		
2	0	0	0	2	2	2	6	6	2	2	4	3	2		
3	2	4	5	2	3	2	5	4	0	2	0	2	3		
4	2	0	3	2	0	3	1	2	2	1	5	2	2		
5	0	0	1	9	6	2	4	2	1	1	3	5	3		
6	0	0	3	2	2	5	6	3	0	0	2	2	2		
7	0	0	2	2	1	1	0	2	0	1	3	0	1		
8	2	2	0	0	2	0	2	0	0	0	6	4	2		
9	0	2	2	2	2	3	2	2	0	1	2	2	2		
10	4	3	2	2	3	2	5	***	6	3	4	0	3		
11	0	1	1	1	4	0	2	2	1	0	6	9	2		
12	5	1	4	18	2	3	1	2	1	3	3	5	1		
13	3	1	8	3	2	0	0	0	0	0	0	0	1		
14	0	0	3	9	0	7	4	4	4	0	2	6	4		
15	0	4	1	5	4	2	0	0	0	3	0	1	2		
16	0	0	1	8	1	2	1	1	2	0	4	2	2		
17	1	0	4	6	1	0	2	1	1	0	3	2	2		
18	0	5	1	5	2	1	12	8	2	2	0	0	3		
19	6	0	3	5	0	2	0	1	5	2	1	2	2		
20	1	2	0	4	0	0	0	0	1	2	5	6	2		
21	1	2	1	1	5	1	0	1	0	2	1	2	1		
22	0	1	1	2	1	2	0	1	1	1	1	1	1		
23	3	1	6	2	4	2	2	1	6	2	2	8	3		
24	8	6	14	19	12	7	4	6	7	5	4	12	9		
25	12	2	7	13	12	6	1	5	5	1	4	1	6		
26	3	3	3	6	3	2	0	8	0	5	0	4	3		
27	8	1	2	9	4	4	4	4	0	1	2	2	3		
28	0	2	0	0	0	1	0	2	2	5	0	0	1		
29	0	2	3	1	1	1	0	2	0	0	3	5	2		
30	0	2	2	3	2	0	***	0	0	3	1	6	2		
MEAN	2	2	3	5	3	2	2	3	2	2	2	3	2.5		

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE														MONTH - JUL 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	1	2	0	4	2	4	1	1	0	0	5	2	2		
2	0	5	2	1	3	1	4	5	3	2	0	3	2		
3	4	3	4	9	4	2	1	5	2	3	3	8	4		
4	6	9	8	5	2	4	3	7	4	1	0	2	4		
5	0	6	2	7	2	6	0	1	6	0	0	5	3		
6	1	0	0	0	1	0	2	5	0	0	5	2	2		
7	2	4	4	5	7	2	4	4	2	0	5	2	3		
8	1	4	4	6	6	4	4	4	1	4	4	4	4		
9	0	0	1	7	5	2	1	4	6	2	5	3	3		
10	6	5	9	4	7	3	4	0	7	6	3	2	5		
11	2	7	12	5	6	1	6	7	3	2	2	0	4		
12	2	3	0	3	1	2	1	0	1	1	0	1	1		
13	0	1	1	0	2	1	2	0	0	0	0	2	1		
14	5	2	4	7	0	4	1	2	1	2	0	4	3		
15	0	4	5	8	5	2	7	8	2	4	2	3	4		
16	0	4	5	1	2	4	1	1	1	2	3	1	2		
17	5	2	1	5	9	1	5	1	3	1	0	1	3		
18	3	5	6	8	2	2	2	0	1	0	4	0	3		
19	4	2	1	2	4	1	2	0	2	4	4	2	2		
20	3	0	2	1	4	2	2	4	2	2	1	2	2		
21	1	0	5	4	3	2	2	5	2	5	1	1	3		
22	0	6	5	7	2	2	2	0	3	1	0	5	3		
23	3	0	6	1	6	1	4	5	0	2	1	3	3		
24	1	0	1	0	0	4	0	2	1	1	2	6	2		
25	0	5	4	3	1	3	0	3	0	2	2	2	2		
26	2	0	2	1	2	0	1	3	4	2	1	2	2		
27	2	3	3	3	0	3	0	2	2	0	0	2	2		
28	0	2	0	2	4	3	0	2	2	0	4	0	2		
29	2	0	3	0	2	1	6	***	3	3	6	7	3		
30	3	4	1	7	3	4	2	0	2	1	3	3	3		
31	0	2	2	5	3	0	0	0	0	0	3	4	2		
MEAN	2	3	3	4	3	2	2	3	2	2	2	3	2.6		

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 35050

MOE LAB RESOURCES RD ETOBICOKE

MONTH - AUG 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	5	5	5	6	6	3	3	8	2	4	2	4
2	0	3	1	1	1	0	2	1	1	1	0	1	1
3	1	2	0	2	0	0	2	4	1	2	0	1	1
4	0	3	2	1	3	2	0	1	2	3	3	1	2
5	0	5	3	2	2	4	2	3	2	3	2	1	2
6	0	2	3	2	2	1	2	2	0	3	2	4	2
7	4	4	2	1	5	2	4	0	5	4	2	3	3
8	2	6	3	4	3	3	3	0	5	0	2	4	3
9	2	1	2	2	2	1	0	0	0	0	2	1	1
10	0	1	0	1	2	1	0	2	0	1	0	0	1
11	1	0	3	8	4	2	0	2	0	2	2	2	2
12	8	0	5	2	2	2	***	2	2	1	2	5	3
13	2	4	0	9	2	0	2	1	4	4	4	5	3
14	2	2	9	5	8	0	1	5	5	0	4	11	4
15	1	2	0	2	4	2	0	8	0	2	1	2	2
16	1	0	0	0	0	1	4	0	2	2	1	2	1
17	1	1	2	2	1	1	2	2	2	2	2	0	2
18	5	3	0	3	2	0	1	0	0	5	3	10	3
19	6	4	8	10	2	6	2	4	3	2	6	1	5
20	2	3	12	7	1	4	3	3	4	1	2	1	4
21	2	2	2	7	4	4	2	2	0	5	1	4	3
22	0	4	2	1	4	4	4	5	2	0	4	9	3
23	3	6	7	0	4	0	2	0	7	0	8	0	3
24	0	0	1	3	2	0	6	0	0	0	1	7	2
25	2	4	4	11	8	2	7	1	2	0	2	2	4
26	3	0	7	8	8	5	2	1	3	0	3	8	4
27	2	2	8	9	14	9	6	6	8	6	4	4	7
28	2	1	2	8	8	2	0	0	2	0	0	2	2
29	2	2	3	10	4	2	6	0	2	2	2	2	3
30	2	1	2	8	0	2	1	1	2	6	4	5	3
31	0	6	2	2	0	1	0	2	0	4	4	2	2
MEAN	2	3	3	4	3	2	2	2	2	2	2	3	2.7

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 35050

MOE LAB RESOURCES RD ETOBICOKE

MONTH - SEP 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	1	0	2	0	3	2	3	2	0	4	1	2
2	0	2	3	7	2	6	6	4	4	2	5	2	4
3	1	1	1	9	2	6	5	2	0	0	6	0	3
4	4	9	12	8	2	1	0	1	0	1	4	4	4
5	0	4	4	6	2	0	1	0	4	2	0	2	2
6	0	2	0	2	2	2	1	2	1	2	0	0	1
7	1	2	0	5	2	0	0	2	0	2	1	2	2
8	2	0	2	4	6	2	2	0	0	1	0	5	2
9	2	7	6	2	6	6	2	9	6	0	0	0	4
10	0	0	1	4	6	***	2	0	2	0	0	0	1
11	0	3	0	2	2	3	2	2	0	0	2	0	1
12	4	0	9	2	2	2	0	0	2	0	0	0	2
13	1	1	2	2	3	0	0	4	0	4	0	0	1
14	0	0	0	5	0	2	0	2	0	0	0	3	1
15	2	2	0	2	5	0	2	0	0	2	2	2	2
16	0	5	2	2	0	2	2	2	2	0	0	5	2
17	2	2	3	2	0	2	2	2	2	2	0	3	2
18	1	2	0	9	4	0	0	0	0	2	2	0	2
19	2	2	2	5	0	0	2	3	2	0	0	2	2
20	2	2	8	0	2	0	2	0	2	0	0	0	2
21	5	0	2	2	2	2	1	0	0	0	0	2	1
22	0	2	0	5	5	0	0	2	2	2	1	0	2
23	0	0	3	0	0	0	1	0	0	2	2	2	1
24	2	0	0	0	0	2	0	0	0	2	2	7	1
25	2	6	4	10	2	3	1	3	2	2	2	3	3
26	1	3	2	2	0	2	***	1	2	0	2	2	2
27	3	0	0	2	2	0	2	0	2	3	0	0	1
28	0	0	0	0	0	0	0	0	0	0	2	0	0
29	2	1	1	3	2	1	0	0	2	1	1	3	1
30	3	5	2	15	5	1	2	2	0	2	1	0	3
MEAN	1	2	2	4	2	2	1	1	1	1	1	2	1.8

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COMS/1000 FT	
STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE														MONTH - OCT 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	7	2	5	0	2	3	0	2	1	0	5	0	2		
2	2	0	0	2	0	1	0	2	1	0	0	2	1		
3	2	0	2	3	1	0	0	3	2	4	0	1	2		
4	0	2	0	2	0	1	0	0	1	0	2	0	1		
5	0	0	0	1	0	4	2	0	0	6	4	0	1		
6	2	2	3	1	2	2	1	0	2	0	0	0	1		
7	2	2	6	7	3	2	4	1	2	2	2	1	2		
8	2	0	3	2	2	4	1	2	1	3	0	0	2		
9	0	2	5	2	2	4	2	2	1	3	3	0	2		
10	2	2	2	11	2	2	0	0	0	2	5	2	3		
11	0	1	2	0	0	0	0	0	4	1	1	0	1		
12	0	0	0	0	3	1	0	2	1	1	0	0	1		
13	0	4	0	1	0	0	0	0	2	2	2	1	1		
14	0	3	1	2	0	2	1	2	1	0	2	0	1		
15	1	2	1	2	2	1	2	2	0	4	2	1	2		
16	2	0	4	8	5	4	2	2	2	4	2	2	3		
17	0	1	2	0	5	2	2	4	2	2	1	2	2		
18	0	0	0	0	0	1	2	0	0	0	2	0	0		
19	0	1	1	0	0	0	0	0	1	0	1	1	0		
20	2	0	0	2	2	0	2	2	4	0	2	1	1		
21	2	0	0	0	2	2	3	1	0	2	2	0	1		
22	1	1	1	0	4	2	1	9	1	2	1	0	2		
23	2	3	2	0	0	1	1	1	0	0	2	4	1		
24	0	0	0	4	0	0	2	***	3	0	0	1	1		
25	0	3	0	0	0	1	0	2	0	0	0	1	1		
26	2	0	0	2	3	0	0	0	0	2	3	2	1		
27	0	0	0	2	0	1	2	0	2	0	0	3	1		
28	0	0	2	4	1	0	1	0	1	0	0	1	1		
29	4	0	0	8	2	2	0	0	1	1	1	2	2		
30	0	2	0	2	0	1	1	1	0	1	0	1	1		
31	1	0	2	2	0	0	2	1	0	0	0	0	.		
MEAN	1	1	1	2	1	1	1	1	1	1	1	1	1.4		

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COMS/1000 FT	
STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE														MONTH - NOV 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	0	1	2	0	0	0	0	0	0	0	0	0		
2	0	1	2	1	2	0	0	0	0	0	4	6	1		
3	2	0	0	1	0	2	0	2	1	3	0	0	1		
4	0	0	1	2	2	0	1	0	4	2	0	0	1		
5	5	1	2	3	2	2	0	2	0	1	5	0	2		
6	2	0	3	0	1	4	0	2	2	0	2	0	1		
7	1	0	3	4	6	3	0	1	0	0	0	2	2		
8	0	0	0	1	0	0	0	2	1	0	0	0	0		
9	0	0	1	2	0	0	2	2	1	4	1	0	1		
10	0	2	3	0	0	0	2	1	2	1	0	1	1		
11	0	1	0	0	2	3	0	2	0	3	0	0	1		
12	2	2	1	0	2	1	9	2	2	2	4	1	1		
13	2	1	2	2	0	1	3	3	9	5	3	5	4		
14	2	0	1	1	2	0	3	2	9	0	2	2	2		
15	1	4	2	2	5	2	0	1	0	2	1	0	2		
16	1	3	0	3	0	0	0	1	0	0	2	6	1		
17	0	2	2	4	3	10	0	0	0	2	2	0	2		
18	0	2	3	2	3	2	2	2	5	0	3	4	2		
19	2	0	0	1	1	0	0	0	7	0	4	4	2		
20	1	2	2	1	0	3	1	3	2	4	0	1	2		
21	4	3	5	4	0	4	0	1	1	4	3	0	2		
22	0	1	1	4	0	0	0	0	0	0	4	2	1		
23	3	1	5	2	1	1	2	4	0	6	0	5	3		
24	2	6	0	8	4	1	1	3	0	0	0	0	2		
25	4	0	0	6	1	0	5	1	6	1	1	4	2		
26	1	7	4	2	4	3	0	4	0	8	0	6	3		
27	2	2	4	1	1	1	0	1	0	6	0	6	2		
28	0	6	4	3	1	2	0	2	2	0	0	0	2		
29	2	0	0	0	2	0	2	0	0	0	2	0	1		
30	0	2	2	0	4	4	2	3	0	0	0	3	2		
MEAN	1	2	2	2	2	2	1	1	2	2	2	2	1.7		

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES												UNITS - 0.1 COMS/1000 FT	
STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE												MONTH - DEC 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	4	0	7	0	0	0	8	6	0	0	2
2	2	0	4	2	2	0	2	***	0	4	0	0	1
3	0	5	3	0	2	0	2	0	1	2	2	0	1
4	7	1	4	0	0	4	3	2	5	2	0	2	3
5	1	0	0	2	2	3	5	2	2	2	2	4	2
6	4	2	1	4	2	2	5	0	4	0	4	5	3
7	0	2	2	2	4	0	6	2	4	3	13	9	4
8	3	7	2	4	7	2	2	0	4	0	1	0	3
9	0	2	1	7	5	2	1	4	2	2	2	2	3
10	0	5	3	2	1	3	0	3	2	0	2	0	2
11	0	0	0	0	2	0	0	5	0	2	1	0	1
12	2	2	4	0	1	3	0	2	0	3	1	2	2
13	0	1	1	6	0	0	3	0	5	2	0	0	2
14	0	5	0	2	0	2	2	0	2	2	0	0	2
15	0	2	2	2	5	8	0	7	6	1	1	2	3
16	4	5	2	4	3	2	0	2	1	3	2	0	2
17	2	0	0	0	4	0	6	4	4	4	0	4	2
18	1	1	0	3	0	6	0	5	1	0	3	0	2
19	0	3	0	0	3	0	3	***	3	3	2	0	2
20	0	2	1	0	4	1	4	2	4	4	5	0	2
21	2	0	2	0	3	2	1	0	3	5	4	1	2
22	0	0	6	3	3	0	3	2	0	1	7	2	2
23	2	5	4	4	5	7	5	1	0	2	5	3	4
24	4	3	1	3	0	2	1	2	0	0	0	2	2
25	0	4	0	4	0	4	1	3	0	3	0	5	1
26	1	0	3	0	0	2	0	2	1	1	2	0	3
27	1	2	4	4	5	3	0	4	2	2	2	5	4
28	6	2	7	0	4	1	6	5	0	2	5	10	2
29	1	0	0	4	3	2	3	3	5	2	3	2	2
30	0	0	0	0	3	0	6	1	2	0	2	5	2
31	2	0	1	2	0	5	1	2	0	0	4	1	2
MEAN	2	2	2	2	3	2	2	2	2	2	3	2	2.2

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.0	4	14
FEB	29	1.9	8	13
MAR	31	2.4	5	15
APR	30	2.6	5	10
MAY	31	2.3	7	15
JUN	30	2.5	9	19
JUL	31	2.6	5	12
AUG	31	2.7	7	14
SEP	30	1.8	4	15
OCT	31	1.4	3	11
NOV	30	1.7	4	10
DEC	31	2.2	4	13
YEAR	366	2.2	9	19

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	332	34	3	0	0	0	0	369
FEB	318	25	3	0	0	0	0	346
MAR	315	56	1	0	0	0	0	372
APR	297	59	0	0	0	0	0	356
MAY	321	44	3	0	0	0	0	368
JUN	294	55	7	2	0	0	0	358
JUL	300	70	1	0	0	0	0	371
AUG	304	63	4	0	0	0	0	371
SEP	319	37	2	0	0	0	0	358
OCT	357	13	1	0	0	0	0	371
NOV	330	29	0	0	0	0	0	359
DEC	319	50	1	0	0	0	0	370
YEAR	3806	535	26	2	0	0	0	4369

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
99.5	0	0.0	0.2	1.3	2.1	4.6	6.0	7.9	8.9	19	2.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 44008 HWY2/NORTH SHORE BLVD E. BURLINGTON

MONTH - JAN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	2	0	0	2	2	0	0	0	3	0	2	1
2	2	0	2	3	2	2	3	2	2	0	0	0	2
3	1	5	2	0	0	2	0	1	2	2	3	4	2
4	4	7	2	4	2	2	0	0	3	2	0	0	2
5	2	2	2	2	2	2	0	0	0	2	3	2	2
6	2	0	1	2	2	0	0	0	0	2	3	4	1
7	2	5	2	2	2	1	0	2	2	2	2	2	2
8	0	0	0	1	2	0	2	2	2	2	2	0	1
9	0	2	2	2	***	***	0	3	4	3	0	2	2
10	2	0	1	5	6	1	2	1	2	2	1	2	2
11	2	2	3	2	5	2	4	4	1	0	1	2	2
12	1	2	0	4	1	2	0	2	0	2	2	3	2
13	1	0	0	2	1	1	2	2	1	5	2	4	4
14	2	0	5	5	6	3	7	2	3	6	3	2	4
15	2	0	2	2	6	5	1	3	0	0	1	2	2
16	2	0	1	0	2	3	0	2	2	1	3	3	2
17	5	7	2	3	9	2	9	10	5	2	1	2	5
18	0	3	1	3	2	2	3	2	3	0	0	2	2
19	2	2	1	2	2	2	0	1	0	2	0	3	1
20	0	0	1	0	0	0	0	0	1	4	2	0	1
21	0	0	0	0	0	5	2	0	4	2	2	4	2
22	2	0	1	2	2	***	2	6	2	2	2	0	2
23	2	1	0	0	2	0	0	3	1	0	0	0	1
24	0	0	4	2	2	2	0	0	5	4	4	4	4
25	5	3	7	5	6	3	3	3	0	6	3	2	4
26	1	0	2	2	2	3	1	0	0	3	0	2	1
27	2	0	0	0	3	1	0	0	2	0	2	1	1
28	2	1	0	0	2	0	2	2	2	5	2	2	2
29	5	3	3	2	2	2	2	2	3	6	2	2	3
30	2	3	0	5	5	2	1	1	3	6	2	2	3
31	0	0	5	3	2	0	0	3	2	2	2	1	2
MEAN	2	2	2	2	3	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 44008 HWY2/NORTH SHORE BLVD E. BURLINGTON

MONTH - FEB 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	2	2	5	1	2	2	1	3	2	2	3	2
2	7	7	2	1	0	2	1	3	0	0	2	2	2
3	0	3	2	2	0	1	1	0	1	2	2	2	1
4	2	4	2	4	1	1		2	2	1	2	3	2
5	1	2	2	7	4	2	***	3	1	2	2	3	3
6	1	0	2	3	1	3	1	0	2	3	2	2	2
7	0	0	2	1	2	5	1	0	2	6	8	2	2
8	0	0	0	2	3	0	1	0	2	3	2	2	1
9	2	0	1	1	2	2	2	0	0	2	0	1	1
10	2	1	0	2	3	2	1	0	0	2	0	0	1
11	4	2	3	3	2	2	3	2	0	3	2	2	2
12	2	0	1	2	2	1	0	1	1	3	2	3	1
13	1	0	2	4	3	2	2	1	2	1	4	5	2
14	9	3	1	2	5	3	2	1	0	1	3	3	3
15	2	2	3	2	4	4	2	0	0	0	0	1	2
16	0	0	0	3	2	2	2	0	0	0	1	3	1
17	3	2	1	0	2	0	2	0	0	0	0	0	1
18	2	3	4	2	2	5	***	***	3	2	2	0	3
19	3	3	2	3	2	2	4	6	7	9	5	5	4
20	2	3	3	6	2	1	3	12	3	3	9	3	4
21	7	7	10	5	3	2	0	4	3	1	1	2	4
22	0	2	0	2	0	0	1	2	7	3	1	0	2
23	0	1	3	3	2	0	0	0	3	2	2	2	2
24	0	0	4	2	1	0	1	0	2	0	1	2	1
25	0	0	0	2	3	2	2	0	0	2	0	0	1
26	0	0	0	0	3	2	0	0	0	2	1	0	1
27	0	2	2	1	1	0	0	0	2	2	1	1	1
28	0	0	2	0	0	0	0	0	2	0	2	3	1
29	1	0	1	2	2	2	0	1	0	0	3	1	1
MEAN	2	2	2	2	2	2	1	1	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 44008 HWY2/NORTH SHORE BLVD E. BURLINGTON

MONTH - MAR 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	1	0	1	2	2	0	0	1	0	2	3	1
2	3	1	2	1	0	2	1	0	0	2	3	3	2
3	2	3	2	2	3	6	2	2	1	0	0	0	2
4	2	1	5	2	3	2	0	2	3	4	5	7	3
5	3	4	1	3	5	2	5	3	2	2	2	0	3
6	1	1	0	5	3	3	***	0	1	1	4	5	2
7	2	3	6	0	2	2	2	1	0	4	1	1	2
8	0	2	2	0	0	2	2	1	3	2	0	2	1
9	2	1	0	2	0	2	3	2	4	1	0	0	2
10	6	2	4	1	1	2	5	5	5	2	0	2	3
11	0	2	1	2	0	0	1	0	2	0	1	0	1
12	3	1	3	5	1	0	0	0	2	1	2	0	2
13	1	1	0	5	1	2	1	2	0	5	3	2	2
14	0	0	3	7	5	2	1	0	0	1	4	2	2
15	0	0	1	2	2	1	1	1	0	0	2	3	1
16	2	0	0	0	0	2	0	0	0	0	2	3	1
17	1	0	2	5	6	5	5	5	2	2	0	2	3
18	5	1	0	0	0	0	0	3	0	2	1	2	1
19	2	2	3	2	2	2	2	7	8	2	3	6	3
20	3	2	3	5	4	2	2	3	6	3	3	1	3
21	3	2	2	3	2	3	***	5	2	0	2	2	2
22	2	2	1	2	0	0	3	0	0	4	1	0	1
23	3	0	0	2	1	0	0	0	1	2	3	2	1
24	0	0	1	0	2	0	2	2	0	3	3	4	1
25	2	0	0	0	1	2	1	1	0	0	0	2	1
26	2	3	2	0	1	5	1	1	2	0	0	2	3
27	2	1	1	8	10	2	3	0	3	0	2	9	3
28	0	0	3	3	3	2	2	3	1	2	4	3	3
29	3	2	5	2	4	2	2	0	2	3	3	3	3
30	2	1	0	0	3	3	2	2	2	0	0	1	1
31	3	2	0	2	0	1	0	0	5	1	0	1	1
MEAN	2	1	2	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON													MONTH - APR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	2	3	3	3	2	2	4	1	0	0	2	
2	1	5	5	3	9	5	3	1	3	2	2	4	4	
3	2	0	2	1	2	1	2	0	0	0	2	0	1	
4	0	0	0	2	2	0	2	0	0	0	3	1	1	
5	2	0	0	2	0	0	0	0	2	0	3	0	1	
6	3	2	3	0	0	0	2	2	0	0	2	3	1	
7	2	0	1	2	2	0	0	0	2	2	3	5	2	
8	2	2	2	2	7	1	***	2	5	3	5	2	2	
9	2	1	2	7	2	2	1	3	4	1	2	0	2	
10	2	0	0	3	2	3	2	1	1	3	0	3	2	
11	2	0	3	1	4	1	3	2	0	6	5	5	3	
12	1	3	0	2	1	0	2	0	1	4	0	0	1	
13	4	1	0	2	0	2	0	0	2	3	2	2	2	
14	0	3	1	0	1	0	2	0	1	4	0	2	1	
15	1	0	0	2	1	0	4	2	1	0	1	1	1	
16	0	2	2	1	0	0	2	2	0	1	0	2	1	
17	3	2	5	3	4	1	2	1	1	5	0	2	2	
18	3	0	2	3	6	4	3	1	1	3	2	0	2	
19	3	4	9	3	4	3	2	3	2	7	2	2	4	
20	2	2	0	7	3	1	1	0	1	3	3	1	2	
21	0	4	2	1	1	4	3	1	0	3	2	13	3	
22	7	3	0	3	1	4	0	0	0	2	1	0	2	
23	2	0	2	0	0	0	0	0	0	4	0	0	1	
24	2	6	3	2	2	2	1	0	1	1	0	0	2	
25	2	0	0	2	0	***	***	0	0	0	3	5	1	
26	7	6	4	8	2	1	2	1	0	0	5	3	3	
27	1	0	3	0	2	2	1	5	2	2	0	2	2	
28	0	2	4	2	0	0	1	0	0	2	0	0	1	
29	0	1	2	3	1	0	2	1	0	5	1	1	1	
30	3	0	0	4	1	0	2	0	1	0	0	5	1	
MEAN	2	2	2	2	2	1	2	1	1	2	2	2	1.8	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON													MONTH - MAY 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	1	2	6	3	2	1	3	3	3	2	2	3	
2	0	5	15	5	7	***	2	5	3	2	0	2	4	
3	1	0	2	0	3	2	0	2	0	0	1	1	1	
4	3	2	2	0	2	1	2	3	2	0	5	4	2	
5	2	1	4	4	1	1	2	1	1	2	0	1	2	
6	2	3	1	3	0	0	0	1	2	2	3	0	1	
7	1	2	2	7	2	2	2	2	3	2	0	0	2	
8	2	0	0	2	0	0	1	2	0	4	2	2	1	
9	2	2	0	0	0	2	2	2	2	2	2	2	2	
10	1	3	2	2	0	0	1	2	2	0	1	2	1	
11	2	0	5	2	2	2	2	2	0	2	0	2	2	
12	2	2	2	0	0	0	0	2	0	2	0	2	1	
13	0	0	2	0	5	2	2	0	0	2	2	2	1	
14	2	0	0	1	0	0	0	1	1	0	8	2	1	
15	2	1	1	2	1	3	0	0	2	1	3	3	2	
16	2	2	6	3	8	0	2	2	2	0	8	6	3	
17	2	2	3	4	2	0	0	0	3	1	1	2	2	
18	0	2	0	3	0	1	0	0	0	1	1	2	1	
19	1	4	2	0	0	1	3	2	2	3	3	1	2	
20	2	1	1	3	0	2	1	0	1	0	1	2	1	
21	1	0	2	2	3	***	2	2	2	4	5	2	2	
22	1	1	3	6	7	4	7	5	2	3	7	2	4	
23	3	4	6	7	11	4	8	6	3	5	8	2	6	
24	9	2	6	5	5	3	0	3	4	2	7	6	4	
25	0	1	2	2	2	0	2	2	0	2	0	0	1	
26	2	0	2	0	3	0	0	0	2	1	2	0	1	
27	1	2	2	3	0	0	3	1	2	4	3	2	2	
28	0	2	0	0	2	5	2	0	7	2	0	2	2	
29	2	1	2	1	0	3	2	1	0	0	2	1	2	
30	2	3	1	0	2	1	1	3	4	6	3	2	2	
31	1	1	0	5	1	1	2	0	2	0	0	0	1	
MEAN	2	2	3	3	2	1	2	2	2	2	3	2	2.0	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON													MONTH - JUN 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	2	1	1	0	0	4	2	0	2	2	2	2
2	2	0	2	2	0	2	0	2	2	5	2	1	2	2
3	2	0	0	2	4	2	5	0	2	0	0	7	2	2
4	2	0	2	2	0	2	0	1	2	0	7	2	2	2
5	2	2	1	1	0	2	1	2	0	5	3	5	2	2
6	0	2	0	0	2	0	1	2	4	6	4	5	2	2
7	2	2	0	2	2	0	0	0	2	2	0	0	1	1
8	0	1	1	2	3	0	0	0	2	2	0	0	2	2
9	0	2	2	2	0	***	0	2	2	3	2	0	2	2
10	3	0	0	2	0	0	3	1	0	2	0	0	0	1
11	2	1	0	10	0	1	0	2	3	2	2	9	7	7
12	10	8	8	6	7	3	2	2	2	3	0	0	4	4
13	3	3	2	2	1	2	2	4	2	7	6	5	3	3
14	7	7	2	2	1	0	2	3	5	3	1	3	3	3
15	3	0	2	3	2	2	2	0	0	2	1	0	1	1
16	2	2	2	0	1	0	2	1	3	2	0	3	2	2
17	3	2	2	3	3	0	2	1	2	3	2	0	2	2
18	2	2	3	2	3	2	0	3	5	2	3	3	3	3
19	0	0	0	3	0	0	0	0	2	0	0	0	1	1
20	1	0	0	2	0	0	1	0	0	1	0	0	0	0
21	0	0	2	0	2	1	0	1	0	0	2	2	1	1
22	4	5	1	2	0	0	0	2	2	2	3	2	2	2
23	2	3	2	5	9	3	4	2	2	2	7	5	4	4
24	5	10	6	5	6	***	0	5	2	3	3	7	5	5
25	3	3	9	6	3	3	2	3	3	1	1	8	4	4
26	0	3	5	3	1	2	2	3	2	6	2	3	3	3
27	3	2	2	3	3	3	2	2	2	2	1	0	2	2
28	2	0	0	0	1	1	0	0	0	0	0	0	0	0
29	2	0	2	1	1	1	1	0	0	0	6	2	1	1
30	0	3	1	0	0	2	1	0	0	0	0	2	1	1
MEAN	2	2	2	2	2	1	1	2	2	2	2	2	2.0	2.0

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON													MONTH - JUL 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	3	0	1	2	0	4	3	2	5	2	2
2	2	0	4	2	2	2	0	1	1	0	5	1	2	2
3	0	2	1	1	2	0	2	2	1	0	2	2	1	1
4	1	2	1	2	3	3	2	2	2	2	2	6	2	2
5	2	3	3	0	0	4	0	1	1	0	1	0	1	1
6	0	0	0	1	1	0	5	0	1	1	2	5	1	1
7	2	2	2	2	1	3	0	2	0	4	0	0	2	2
8	1	4	2	2	2	2	1	2	0	0	0	3	2	2
9	2	3	5	7	3	2	3	1	0	0	3	12	3	3
10	9	9	15	7	4	4	3	3	2	4	3	2	5	5
11	2	2	2	2	0	2	2	2	2	2	3	2	2	2
12	0	2	0	1	2	0	0	0	0	1	2	2	1	1
13	2	3	2	3	0	2	0	0	0	1	1	2	1	1
14	2	3	7	3	2	3	0	0	1	2	2	4	2	2
15	2	3	3	2	4	5	4	2	0	6	2	2	3	3
16	4	3	5	3	0	2	3	0	2	2	0	0	2	2
17	1	1	0	5	1	1	1	2	2	0	1	2	1	1
18	3	0	2	0	2	2	1	2	1	1	2	2	2	2
19	2	2	1	2	2	1	1	2	3	***	3	3	2	2
20	2	2	1	2	3	2	4	0	0	2	4	3	2	2
21	5	2	7	1	0	4	2	1	2	2	0	1	2	2
22	2	3	7	3	2	2	2	0	2	1	1	2	2	2
23	3	0	4	2	2	2	0	1	2	1	2	7	2	2
24	3	3	2	2	3	7	0	1	2	0	2	2	2	2
25	0	0	2	2	1	2	2	2	5	1	2	3	2	2
26	2	3	2	2	2	2	2	5	2	2	0	2	2	2
27	0	1	0	2	2	2	3	0	0	0	2	2	2	2
28	0	1	0	2	2	2	5	4	1	1	2	4	3	3
29	2	3	3	4	3	2	3	2	2	4	5	4	4	4
30	5	3	0	0	2	0	0	3	0	2	4	2	2	2
31	2	3	5	7	2	0	1	2	0	2	0	1	2	2
MEAN	2	2	3	2	2	2	2	2	1	2	2	3	2.1	2.1

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COMS/1000 FT	
STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON														MONTH - AUG 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	4	5	3	5	5	2	4	2	2	5	2	2	3		
2	3	0	2	2	2	0	2	0	1	0	0	0	1		
3	0	2	1	0	3	0	0	0	4	2	0	0	1		
4	2	0	0	0	0	0	2	2	2	2	2	3	2		
5	0	6	2	2	0	0	0	2	0	0	4	2	2		
6	3	4	0	0	0	***	4	3	2	2	5	2	2		
7	5	4	5	9	2	2	0	4	0	2	5	7	4		
8	3	5	3	5	0	1	5	3	5	3	3	1	3		
9	3	0	2	0	0	3	1	0	2	2	0	2	1		
10	2	2	3	2	2	3	0	2	0	0	0	1	1		
11	3	2	2	2	0	2	3	2	2	0	2	1	1		
12	2	2	0	4	5	3	3	2	3	3	3	0	2		
13	0	0	0	2	0	2	3	3	2	2	3	2	2		
14	4	2	3	3	2	2	7	3	3	3	3	2	3		
15	9	3	2	1	2	0	3	3	0	2	2	0	2		
16	2	2	2	2	2	2	3	1	0	3	2	0	2		
17	2	0	0	5	0	3	2	0	2	2	2	3	2		
18	9	0	0	2	3	0	3	9	0	3	2	0	3		
19	9	0	5	8	3	1	3	1	0	2	0	0	3		
20	2	0	2	3	0	2	7	0	3	3	6	0	2		
21	3	0	0	2	2	3	1	3	5	2	0	0	2		
22	1	1	0	2	3	3	7	2	2	3	5	5	3		
23	1	2	2	2	3	3	2	2	2	***	0	0	2		
24	0	0	0	0	0	2	2	0	0	0	5	5	1		
25	5	4	7	15	7	3	3	0	2	2	0	2	2		
26	2	0	2	1	0	2	7	1	1	5	2	3	4		
27	0	2	5	7	4	5	3	2	7	5	2	3	4		
28	0	0	3	0	0	2	2	0	4	0	0	0	1		
29	1	1	2	0	1	0	1	2	2	0	2	0	1		
30	1	2	4	2	2	0	2	3	0	3	3	4	1		
31	3	2	0	2	2	0	2	2	0	0	3	2	2		
MEAN	2	2	2	3	2	2	3	2	2	2	2	2	2.1		

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COMS/1000 FT	
STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON														MONTH - SEP 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	2	0	1	0	2	2	0	1	2	2	0	1		
2	1	0	2	1	3	3	0	0	2	0	0	3	1		
3	0	0	1	0	0	2	0	0	0	2	2	3	1		
4	9	2	5	3	0	2	0	2	5	2	2	0	2		
5	0	2	5	5	3	2	2	0	0	0	3	0	2		
6	2	0	2	2	3	2	2	0	0	1	2	2	1		
7	0	0	0	1	0	2	0	1	0	1	5	4	2		
8	0	0	0	9	2	2	1	2	0	0	2	2	2		
9	2	3	3	3	2	2	0	0	0	0	0	0	0		
10	0	1	0	0	0	2	0	0	2	0	0	0	0		
11	0	4	0	0	2	2	0	2	0	2	2	0	1		
12	2	1	3	2	0	***	***	0	2	0	1	6	2		
13	0	0	2	2	1	0	0	2	0	2	4	5	2		
14	1	2	2	4	4	0	2	1	1	1	2	0	2		
15	0	0	2	2	0	1	2	0	2	0	2	0	1		
16	8	6	5	2	5	11	12	0	2	0	2	2	5		
17	3	2	9	1	2	2	1	2	0	2	3	1	2		
18	2	2	2	8	2	1	0	4	0	1	2	7	3		
19	1	4	0	1	4	0	0	4	0	0	5	4	2		
20	4	4	2	2	5	0	2	2	2	6	2	2	3		
21	4	0	2	2	2	2	0	2	2	1	1	1	2		
22	2	0	5	0	0	4	2	3	5	0	1	3	2		
23	2	0	2	1	5	1	1	3	2	1	2	1	2		
24	2	0	7	1	0	2	6	1	0	1	0	2	2		
25	0	4	1	6	16	4	6	6	2	2	2	0	4		
26	0	1	0	0	1	0	2	0	0	2	1	2	1		
27	2	0	0	2	2	0	0	1	1	2	3	1	1		
28	6	2	2	2	1	2	0	1	1	0	2	0	2		
29	1	2	2	0	7	0	3	2	0	7	12	6	4		
30	6	8	4	4	6	2	2	0	3	4	7	1	4		
MEAN	2	2	2	2	3	2	2	1	1	2	2	2	1.9		

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - C NO 44008 HWY2/NORTH SHORE BLVD E. BURLINGTON													
MONTH - OCT 80													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	8	4	3	2	6	2	2	9	6	6	5	5
2	0	2	0	1	2	2	0	3	0	1	4	0	1
3	0	2	2	5	1	***	1	4	2	1	2	3	2
4	4	2	2	2	0	0	0	2	2	1	0	2	1
5	1	0	4	2	0	1	0	0	4	2	4	1	2
6	1	2	2	6	1	2	2	0	2	6	0	2	2
7	1	1	2	2	7	2	1	3	0	2	1	10	3
8	2	0	2	3	2	7	1	1	2	0	2	0	2
9	2	0	2	1	6	2	2	0	2	2	6	4	2
10	5	0	0	0	3	6	2	2	0	2	4	0	2
11	5	4	3	1	4	2	3	4	0	2	1	0	2
12	0	2	1	0	1	2	2	0	0	0	0	3	1
13	0	5	1	0	4	2	0	1	1	0	0	1	1
14	1	1	3	0	2	5	2	1	2	5	2	2	2
15	0	2	2	1	1	1	0	4	0	1	1	3	3
16	0	0	5	0	2	4	6	7	2	1	8	0	3
17	1	2	2	2	2	1	8	4	6	1	1	2	1
18	0	1	0	0	0	0	5	0	2	2	1	2	1
19	0	0	1	0	2	0	0	0	3	1	1	0	2
20	4	0	4	0	5	2	3	0	2	4	2	0	2
21	2	0	1	1	2	0	2	4	0	3	2	2	2
22	1	3	4	1	2	0	1	***	0	3	0	3	2
23	2	0	2	5	0	0	0	0	0	1	2	0	1
24	1	0	2	2	2	0	0	1	1	1	2	3	1
25	1	2	2	2	0	0	3	0	0	2	0	0	1
26	0	0	2	0	0	2	1	0	2	2	0	5	1
27	3	0	2	0	1	2	1	0	2	0	2	2	1
28	2	0	0	2	0	1	0	0	0	0	2	0	1
29	2	1	0	2	2	2	2	0	2	1	2	0	1
30	2	5	1	0	5	2	3	3	2	3	2	0	2
31	2	0	7	0	2	2	***	2	3	2	2	2	2
MEAN	2	1	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - C NO 44008 HWY2/NORTH SHORE BLVD E. BURLINGTON													
MONTH - NOV 80													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	0	0	0	0	0	0	3	0	3	2	1
2	1	0	0	0	2	2	0	1	2	6	6	2	2
3	2	1	2	9	2	4	2	3	6	7	3	5	4
4	2	2	0	0	0	0	3	4	1	6	1	0	2
5	2	0	2	4	0	3	1	2	2	3	6	2	2
6	0	2	1	2	0	2	0	0	0	2	2	2	1
7	2	0	0	7	5	0	2	6	0	2	2	2	3
8	0	1	1	0	2	0	0	0	0	2	4	2	1
9	2	3	2	2	3	2	0	2	2	1	0	0	2
10	1	0	1	2	4	0	2	0	0	1	2	1	1
11	2	0	0	0	2	1	0	0	0	0	2	2	1
12	0	2	2	7	2	2	***	2	3	2	2	2	2
13	7	5	9	9	2	7	3	4	6	9	9	7	6
14	11	4	9	9	2	3	2	0	0	7	2	0	4
15	3	5	2	3	0	0	3	0	2	5	2	0	2
16	2	0	5	9	4	0	1	2	0	9	9	11	3
17	9	9	5	0	3	2	2	0	0	2	5	2	4
18	3	0	3	0	3	0	2	0	0	0	5	0	2
19	2	2	3	2	2	2	6	2	2	2	3	2	2
20	2	6	2	11	8	2	2	7	1	5	3	4	4
21	2	0	6	0	4	2	0	0	3	2	2	3	2
22	3	0	5	2	2	7	0	5	6	3	6	4	4
23	0	5	5	5	5	5	2	3	9	0	5	3	5
24	4	6	7	5	5	5	0	3	3	2	2	6	2
25	0	2	3	2	0	5	0	3	3	2	2	4	5
26	2	2	7	7	4	5	3	2	9	9	7	3	1
27	2	2	0	0	2	2	0	0	2	2	2	3	2
28	0	0	1	3	2	7	3	3	2	2	2	1	2
29	2	2	2	2	0	0	4	0	3	2	0	0	2
30	2	0	2	2	2	2	0	3	2	4	0	0	2
MEAN	2	2	3	3	2	2	2	2	2	3	3	3	2.6

PERCENTAGE OF DATA VALID - 96.4

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 3.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON													MONTH - DEC 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	4	2	3	9	7	3	***	2	0	7	5	4	4	
2	0	2	0	3	2	2	5	3	1	2	0	0	2	
3	0	0	0	0	0	0	0	0	0	0	1	0	0	
4	0	2	0	2	3	2	0	3	2	5	3	2	2	
5	2	3	2	2	7	0	2	0	0	0	7	5	3	
6	2	9	4	2	3	0	0	9	2	0	3	2	3	
7	2	1	3	2	3	3	7	7	4	0	2	0	3	
8	0	7	2	5	2	2	0	5	0	0	0	0	2	
9	0	2	0	2	5	2	0	2	2	2	2	0	2	
10	2	0	2	0	0	0	0	0	0	0	0	0	0	
11	0	0	0	2	2	2	2	0	2	0	0	1	1	
12	2	2	0	0	7	3	9	0	3	3	3	3	3	
13	0	0	2	0	0	2	0	0	0	2	0	2	0	
14	0	0	2	0	0	0	0	0	0	0	2	0	0	
15	2	0	2	2	2	7	3	3	2	3	7	3	3	
16	2	3	0	2	0	0	0	0	0	0	2	0	1	
17	5	2	0	0	2	***	0	2	2	2	2	2	2	
18	0	2	0	2	0	0	0	2	0	5	2	0	1	
19	3	0	0	0	0	0	2	2	3	2	0	0	1	
20	0	5	0	0	3	0	0	2	0	2	3	0	1	
21	0	0	2	0	2	0	0	2	0	2	2	0	1	
22	0	5	0	0	5	3	3	5	2	5	3	7	3	
23	7	12	12	9	9	3	2	5	0	0	3	2	5	
24	3	2	2	3	3	0	0	5	0	0	2	0	2	
25	0	2	2	5	0	0	5	0	0	0	3	2	2	
26	2	0	0	0	0	0	2	0	1	3	9	0	2	
27	5	5	3	4	9	0	2	3	3	7	9	5	5	
28	17	17	3	7	5	2	2	1	2	2	3	3	6	
29	3	7	2	7	9	5	2	9	3	9	0	0	5	
30	0	0	0	0	2	2	0	0	2	0	0	5	1	
31	0	0	2	2	0	3	1	0	0	0	2	1	1	
MEAN	2	3	2	2	3	2	2	2	1	2	3	2	2.1	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES UNITS - 0.1 COMS/1000 FT

STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.9	5	10
FEB	29	1.8	4	12
MAR	31	1.9	3	10
APR	30	1.8	4	13
MAY	31	2.0	6	15
JUN	30	2.0	5	10
JUL	31	2.1	5	15
AUG	31	2.1	4	15
SEP	30	1.9	5	16
OCT	31	1.8	5	10
NOV	29	2.6	6	11
DEC	31	2.1	6	17
YEAR	365	2.0	6	17

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 CGMS/1000 FT

STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	333	36	0	0	0	0	0	369
FEB	321	23	1	0	0	0	0	345
MAR	334	36	0	0	0	0	0	370
APR	328	28	1	0	0	0	0	357
MAY	332	36	2	0	0	0	0	370
JUN	319	39	0	0	0	0	0	358
JUL	340	29	2	0	0	0	0	371
AUG	328	41	1	0	0	0	0	370
SEP	319	35	3	1	0	0	0	358
OCT	335	34	0	0	0	0	0	369
NOV	282	62	3	0	0	0	0	347
DEC	313	53	2	2	0	0	0	370
YEAR	3884	452	15	3	0	0	0	4354

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
99.1	0	0.0	0.1	1.3	1.9	4.2	5.6	7.4	8.6	17	2.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 CGMS/1000 FT

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH - JAN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	4	8	3	4	0	1	1	3	3	1	3	3
2	0	3	1	1	4	5	3	6	3	0	4	2	3
3	0	0	4	0	3	***	0	0	8	4	5	5	3
4	8	4	3	8	8	2	0	2	1	1	2	1	3
5	2	3	4	3	0	7	0	3	3	1	3	9	3
6	2	2	8	0	7	4	4	0	3	1	4	7	4
7	2	5	0	0	2	3	0	0	5	2	4	5	2
8	2	2	1	1	2	0	4	6	2	5	5	3	3
9	2	0	7	2	2	2	0	0	2	2	7	3	2
10	4	4	8	6	4	2	2	2	3	2	1	3	3
11	5	4	1	0	4	5	2	6	4	2	0	2	3
12	0	3	1	0	3	0	2	4	2	0	3	4	2
13	2	3	1	4	2	2	2	0	2	8	0	3	2
14	1	5	4	5	3	5	4	5	4	5	3	5	4
15	2	2	8	9	2	0	3	2	2	2	2	3	3
16	3	2	0	4	4	0	3	0	1	4	2	4	2
17	1	2	2	2	3	3	7	3	1	3	3	2	3
18	3	2	2	3	0	***	0	3	2	7	5	2	3
19	3	0	1	3	0	0	1	2	4	5	0	2	2
20	3	5	0	2	0	1	2	7	4	3	2	0	2
21	0	2	3	0	2	0	2	2	1	9	4	3	2
22	1	2	2	1	5	3	3	7	3	0	4	2	3
23	3	0	2	2	4	1	0	0	0	6	0	0	2
24	1	1	2	4	2	5	1	4	2	0	6	3	3
25	2	2	6	6	3	2	2	4	2	5	3	6	4
26	3	2	2	3	3	2	2	2	2	0	1	5	2
27	2	2	0	1	2	2	5	3	1	4	2	1	2
28	2	1	0	1	0	2	1	2	2	0	2	1	1
29	6	2	3	0	4	4	3	1	1	2	2	2	3
30	2	0	2	4	0	0	3	2	2	1	1	3	2
31	2	2	2	5	2	0	0	0	4	3	0	1	2
MEAN	2	2	3	3	3	2	2	3	3	3	3	3	2.6

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 CGMS/1000 FT						
STATION - C NO 44010 1298 REBECCA ST OAKVILLE							MONTH - FEB 80						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	2	3	2	***	2	0	3	1	5	3	2
2	2	2	0	0	5	2	2	0	3	3	2	2	2
3	3	0	0	0	0	1	0	6	0	2	2	1	1
4	2	2	2	6	2	2	0	3	0	1	0	6	2
5	0	6	4	4	4	0	2	3	2	8	5	1	3
6	0	0	2	10	2	0	0	4	2	4	2	4	3
7	4	2	1	0	3	1	3	1	2	5	2	2	2
8	0	2	1	7	1	1	3	3	3	4	2	2	2
9	2	6	2	4	3	0	3	2	3	2	3	2	3
10	2	2	4	2	2	5	0	0	4	4	2	0	2
11	- DATA UNAVAILABLE -												
12	1	2	1	11	4	0	3	0	0	3	0	0	0
13	3	4	12	6	9	5	0	3	3	2	8	4	5
14	3	2	7	6	5	3	3	0	3	2	8	2	4
15	4	3	4	3	5	5	2	1	2	2	0	2	3
16	1	4	0	2	0	3	0	0	2	2	4	5	2
17	6	4	0	6	0	0	3	1	0	5	2	0	2
18	2	4	5	5	3	2	2	1	1	2	3	4	3
19	7	4	2	10	5	4	4	6	5	8	7	5	6
20	10	8	11	4	7	7	9	8	7	11	11	15	9
21	10	7	7	8	8	7	4	4	3	2	1	4	5
22	1	4	1	0	0	2	3	0	9	11	6	3	3
23	2	0	0	3	4	1	2	0	2	3	5	2	2
24	2	2	6	3	4	0	2	3	2	0	6	4	3
25	5	0	2	4	***	0	2	4	0	2	3	2	2
26	4	0	1	3	2	0	2	1	6	0	4	2	2
27	3	2	0	2	2	0	4	1	3	0	5	0	2
28	6	0	4	1	1	0	0	1	1	2	4	4	2
29	0	2	6	2	2	0	2	0	8	3	4	3	3
MEAN	3	3	3	4	3	2	2	2	3	3	4	3	3.0

PERCENTAGE OF DATA VALID - 96.0

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 3.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 CGMS/1000 FT						
STATION - C NO 44010 1298 REBECCA ST OAKVILLE							MONTH - MAR 80						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	3	3	0	0	1	1	0	2	0	7	4	2
2	3	5	0	1	2	2	0	2	0	4	12	3	3
3	0	2	7	2	6	7	2	5	3	2	7	2	4
4	3	3	2	4	2	7	4	3	5	11	7	3	5
5	0	8	2	5	4	7	12	13	2	1	2	2	5
6	2	0	8	3	2	4	1	4	0	3	10	7	4
7	7	3	6	16	7	2	2	0	0	7	5	2	5
8	1	3	3	0	8	3	8	3	2	1	7	3	4
9	3	0	5	0	2	0	2	2	1	4	9	5	3
10	5	4	0	9	7	2	1	6	4	2	2	2	4
11	0	0	1	0	0	****	-	-	-	-	-	-	*****
12	- DATA UNAVAILABLE -												
13	- DATA UNAVAILABLE -												
14	- DATA UNAVAILABLE -												
15	- DATA UNAVAILABLE -												
16	- DATA UNAVAILABLE -												
17	- DATA UNAVAILABLE -												
18	- DATA UNAVAILABLE -												
19	- DATA UNAVAILABLE -												
20	- DATA UNAVAILABLE -												
21	- DATA UNAVAILABLE -												
22	- DATA UNAVAILABLE -												
23	- DATA UNAVAILABLE -												
24	- DATA UNAVAILABLE -												
25	- DATA UNAVAILABLE -												
26	- DATA UNAVAILABLE -												
27	- DATA UNAVAILABLE -												
28	- DATA UNAVAILABLE -												
29	- DATA UNAVAILABLE -												
30	- DATA UNAVAILABLE -												
31	- DATA UNAVAILABLE -												
MEAN	3	3	3	4	4	4	3	4	2	4	7	3	3.5

PERCENTAGE OF DATA VALID - 33.6

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 66.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.6	4	9
FEB	28	3.0	9	15
MAR	10	3.5	5	16
YEAR	69	2.9	9	16

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	312	58	0	0	0	0	0	370
FEB	265	62	7	0	0	0	0	334
MAR	88	32	4	1	0	0	0	125
YEAR	665	152	11	1	0	0	0	829

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	75	90	95	98	99	MAX	ARITH MEAN
75.9	0	0.0	1.1	1.8	3.1	5.9	7.3	9.1	10.6	16	2.9

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 44015 BRONTE RD/WOBURN CRES. OAKVILLE

MONTH - APR 80

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10	2	3	1	3	5	5	3	4	5	2	4	5	3
11	4	2	0	5	3	3	3	2	0	8	5	7	4
12	2	2	0	7	7	1	8	5	1	3	2	2	4
13	2	2	0	2	4	1	2	2	5	1	2	5	2
14	1	3	0	1	0	0	2	5	2	3	9	7	3
15	2	2	3	2	2	0	1	5	2	0	0	3	2
16	2	4	0	1	0	0	2	2	1	2	3	0	2
17	2	2	7	4	3	3	0	0	3	2	4	3	2
18	3	5	3	2	0	1	5	3	4	3	2	3	3
19	3	6	3	4	9	4	6	8	4	4	10	6	6
20	3	2	2	3	3	0	3	2	2	2	2	2	2
21	0	2	0	3	3	7	4	1	2	5	3	5	3
22	8	5	4	4	3	2	0	2	0	2	2	2	3
23	0	2	1	2	3	1	0	2	2	2	2	2	2
24	4	1	4	3	2	4	0	2	1	0	4	1	2
25	1	4	3	2	5	1	2	2	1	2	3	1	3
26	3	5	3	2	2	2	0	2	2	2	4	6	3
27	2	2	2	2	5	1	1	1	2	5	4	3	3
28	1	0	2	2	1	0	2	4	0	0	3	0	2
29	3	2	0	4	1	1	0	2	0	2	2	2	2
30	2	2	4	4	2	2	3	3	5	4	4	9	3
MEAN	2	3	2	3	3	2	2	3	2	3	4	4	2.7

PERCENTAGE OF DATA VALID - 70.8

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 28.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 44015 BRONTE RD/WOBURN CRES. OAKVILLE

MONTH - MAY 80

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	2	2	----	0	2	2	0	6	8	6	3
2	2	4	6	13	3	3	1	2	2	1	0	1	3
3	3	2	0	1	2	1	0	0	8	1	0	0	2
4	0	2	2	2	0	0	0	0	1	1	2	5	1
5	2	2	1	8	3	2	3	0	2	2	0	2	2
6	0	2	1	2	2	2	2	2	2	2	2	1	2
7	6	1	1	3	2	2	2	0	2	1	0	1	2
8	2	1	2	2	1	2	1	4	2	1	1	2	2
9	1	0	0	1	0	1	4	1	1	1	0	2	1
10	2	4	2	2	2	4	1	2	2	2	0	4	2
11	2	2	3	2	3	2	1	2	2	3	2	3	2
12	2	2	2	3	2	2	0	3	2	2	0	0	2
13	5	4	6	0	2	0	2	1	2	3	2	0	2
14	2	2	1	0	1	2	0	0	1	4	2	0	1
15	2	2	1	2	0	1	0	1	2	1	2	2	1
16	2	2	6	8	2	3	2	2	2	2	3	2	3
17	3	2	2	3	0	3	2	2	2	1	2	2	2
18	2	0	3	3	2	2	1	0	3	0	4	2	2
19	1	2	3	0	2	1	1	3	1	0	5	1	2
20	2	2	2	0	1	2	1	3	2	0	1	2	2
21	4	3	4	4	3	4	0	2	0	2	2	1	2
22	1	1	2	2	2	2	2	2	2	2	4	6	2
23	4	7	1	9	7	12	4	6	7	3	5	6	6
24	3	2	5	5	2	2	2	2	5	4	0	2	3
25	2	1	2	1	2	0	0	2	2	0	0	3	1
26	1	0	0	1	0	1	2	1	1	2	0	0	1
27	3	2	2	0	1	3	2	2	2	2	2	2	2
28	5	2	2	1	0	2	2	2	2	2	3	4	2
29	4	1	1	0	1	0	1	1	2	1	0	2	1
30	1	0	2	1	1	----	6	3	4	2	2	3	2
31	1	6	2	0	0	4	0	0	1	1	0	0	1
MEAN	2	2	2	3	2	2	2	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - C NO 44015 BRONTE RD/WOBURN CRES. OAKVILLE													MONTH - JUN 80
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	1	2	0	1	0	2	0	2	0	0	1
2	2	0	1	1	2	3	3	2	0	4	3	2	2
3	0	2	0	1	3	1	1	0	0	2	0	2	1
4	0	2	1	0	1	2	0	0	0	0	2	1	1
5	1	0	1	3	0	0	0	0	3	2	0	3	1
6	2	2	2	2	2	3	1	1	1	3	1	1	2
7	0	2	2	0	1	0	1	0	1	1	2	1	1
8	3	0	0	0	0	0	0	0	2	1	0	0	1
9	0	2	0	2	2	0	2	2	0	0	0	3	1
10	2	0	1	2	1	2	2	2	2	4	2	0	2
11	1	0	2	1	3	1	2	2	1	0	4	7	2
12	2	3	6	7	2	1	2	3	2	3	5	3	3
13	4	5	5	2	2	0	4	0	2	2	0	2	4
14	4	5	2	7	3	3	2	6	6	4	2	2	4
15	5	3	5	1	3	2	0	0	0	1	0	1	2
16	0	2	1	2	2	0	2	2	2	2	2	2	2
17	2	0	5	2	2	1	1	2	3	2	3	1	2
18	1	2	2	2	2	2	2	2	3	2	2	2	2
19	4	0	2	2	3	1	2	2	2	4	0	1	2
20	2	0	0	2	2	2	5	2	2	0	0	2	2
21	2	0	0	0	1	1	0	1	1	0	5	4	1
22	4	4	2	2	0	2	0	1	0	0	3	5	2
23	2	3	2	3	2	2	4	2	2	2	6	13	4
24	9	5	9	12	3	5	7	2	4	3	8	3	6
25	3	5	5	3	2	3	3	4	2	2	3	4	3
26	2	3	3	6	5	3	3	1	5	4	2	4	3
27	2	3	5	8	3	0	2	2	1	0	0	2	2
28	1	1	0	4	0	0	0	0	0	2	0	0	1
29	0	1	1	0	1	0	1	0	0	2	1	0	1
30	0	0	1	2	0	***	6	0	3	2	0	4	2
MEAN	2	2	2	3	2	1	2	2	2	2	2	3	2.0

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - C NO 44015 BRONTE RD/WOBURN CRES. OAKVILLE													MONTH - JUL 80
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	4	6	3	0	3	1	0	0	2	4	3	2
2	3	5	2	4	0	0	2	1	3	0	3	2	2
3	2	4	2	2	2	0	3	1	0	2	3	2	2
4	3	5	5	5	5	2	4	4	1	3	4	14	5
5	7	5	3	2	6	4	0	2	2	2	2	1	3
6	0	0	0	2	3	2	1	2	1	0	3	1	1
7	2	6	3	8	1	2	2	2	2	0	3	3	3
8	4	0	3	4	2	3	2	0	1	1	2	2	2
9	0	0	5	4	1	1	8	2	2	3	5	4	3
10	5	6	2	9	8	9	6	4	4	5	2	2	5
11	1	3	1	4	3	0	2	0	4	2	3	2	2
12	3	2	2	1	2	0	2	0	0	0	0	2	1
13	0	0	0	0	2	2	0	0	0	2	2	3	1
14	3	3	3	5	2	2	0	0	2	3	5	3	3
15	3	3	3	4	4	2	2	3	0	0	2	2	2
16	0	0	2	2	3	2	2	2	1	0	3	2	2
17	2	2	2	1	0	0	2	3	2	2	0	2	2
18	3	4	2	2	4	2	0	0	0	0	0	2	2
19	2	3	0	3	3	0	0	3	5	2	4	4	2
20	3	2	0	3	4	2	1	2	2	2	2	2	2
21	2	0	2	3	0	0	2	2	2	2	2	3	2
22	2	2	2	4	2	1	0	0	3	3	0	2	2
23	0	0	0	3	2	0	2	0	0	3	3	2	1
24	2	2	1	7	7	5	3	2	3	2	3	0	3
25	1	1	4	3	5	0	2	2	3	5	3	2	3
26	2	3	2	0	2	4	3	3	3	2	2	2	2
27	2	5	4	3	0	3	3	0	3	2	0	2	2
28	0	2	0	0	1	2	2	2	2	3	5	0	2
29	0	2	2	4	2	2	2	0	0	3	0	3	2
30	3	5	3	3	0	2	3	2	0	0	3	0	2
31	0	4	5	10	5	3	1	2	2	0	1	0	2
MEAN	2	3	2	3	3	2	2	2	2	2	2	2	2.2

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COMS/1000 FT													
STATION - C NO 44015 BRONTE RD/WOBURN CRES. OAKVILLE													
MONTH - AUG 80													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	3	3	11	4	0	5	4	9	2	5	5	5
2	2	1	3	2	2	2	0	1	2	1	0	2	2
3	2	0	0	0	0	0	2	1	2	2	1	1	1
4	1	0	0	2	2	2	1	0	0	1	1	2	1
5	1	3	3	1	3	3	0	3	2	2	1	0	2
6	2	1	2	1	2	2	2	2	0	7	3	2	2
7	2	2	2	9	2	4	8	2	3	2	2	3	2
8	5	4	2	2	0	3	2	0	1	1	2	3	2
9	2	0	1	1	0	0	1	0	0	2	0	0	1
10	2	2	0	2	1	0	0	0	2	0	2	1	1
11	2	0	2	3	0	1	2	1	0	0	0	0	1
12	0	0	3	5	1	2	3	4	0	1	1	0	1
13	0	0	3	1	0	2	1	2	2	1	4	0	1
14	0	1	0	3	3	0	1	1	2	0	2	4	1
15	0	2	0	4	2	4	0	0	2	0	2	0	1
16	0	4	1	0	3	0	0	0	0	0	1	0	1
17	1	3	1	0	2	3	3	2	0	0	1	0	1
18	3	3	0	0	3	3	0	2	3	1	10	5	3
19	1	3	7	2	2	1	0	0	0	2	10	4	3
20	2	2	5	7	0	1	2	1	0	0	2	2	2
21	2	0	1	2	0	2	2	0	2	0	0	2	1
22	2	2	2	1	2	2	0	1	0	1	1	4	2
23	3	0	2	0	0	2	2	0	1	0	2	5	1
24	1	2	1	0	0	2	1	0	0	1	8	5	2
25	2	2	3	9	2	5	4	2	4	2	2	7	4
26	1	0	8	3	2	2	2	1	3	3	2	8	3
27	2	0	7	7	0	1	2	2	0	2	1	2	2
28	0	0	2	0	0	2	2	0	3	0	0	2	1
29	5	0	0	1	0	0	0	2	0	0	3	4	1
30	2	0	0	4	4	3	3	2	1	5	5	2	3
31	3	2	0	2	2	2	2	0	2	1	2	0	4
MEAN	2	1	2	3	1	2	2	1	1	1	2	2	1.8

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".*" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COMS/1000 FT													
STATION - C NO 44015 BRONTE RD/WOBURN CRES. OAKVILLE													
MONTH - SEP 80													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	0	1	2	0	1	2	1	0	2	1	1
2	1	0	2	2	2	0	0	2	0	8	8	5	3
3	3	0	2	9	0	1	2	2	1	4	8	7	3
4	7	2	14	15	2	3	7	0	2	4	7	5	6
5	0	0	5	2	3	1	0	3	2	0	3	8	2
6	2	0	2	2	5	0	1	2	2	0	3	4	2
7	2	4	2	2	6	0	1	2	4	6	4	2	3
8	4	3	5	10	5	4	2	1	2	1	2	1	4
9	7	10	2	8	1	5	3	2	2	2	2	2	4
10	0	4	2	2	1	2	5	4	2	2	6	1	3
11	2	0	2	2	0	3	1	5	3	0	2	5	2
12	5	4	4	1	2	2	4	4	1	1	1	0	3
13	2	2	0	0	0	2	0	4	1	2	8	2	2
14	2	0	4	4	2	0	4	1	0	0	3	1	2
15	3	0	0	1	0	1	4	2	1	2	12	3	2
16	2	8	14	8	2	2	0	3	2	6	0	4	4
17	4	2	1	2	0	2	0	2	1	0	0	2	1
18	2	2	6	8	5	1	0	0	0	2	3	1	3
19	4	9	2	8	2	2	2	0	1	1	4	15	4
20	6	2	3	6	3	2	3	5	1	8	2	4	4
21	0	6	7	2	2	0	4	3	2	2	1	0	2
22	4	0	4	6	1	5	2	4	6	0	4	4	3
23	0	0	2	2	2	0	4	0	2	4	4	0	2
24	0	1	4	9	0	2	0	2	1	0	2	0	2
25	3	9	8	7	6	6	3	2	6	0	3	5	5
26	5	0	1	0	2	4	2	0	0	5	2	0	2
27	4	0	4	2	0	0	2	0	2	2	2	2	2
28	0	2	0	0	2	0	4	1	2	4	1	0	1
29	2	5	1	4	2	1	0	2	6	3	10	4	3
30	8	7	8	13	10	2	2	2	2	1	2	3	5
MEAN	3	3	4	5	2	2	2	2	2	3	4	3	2.8

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ".*" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 44015 BRONTE RD/WOBURN CRES. OAKVILLE													MONTH - OCT 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	1	2	3	2	2	----	-	-	-	-	-	*****	
2							- DATA UNAVAILABLE -							
3							- DATA UNAVAILABLE -							
4							- DATA UNAVAILABLE -							
5							- DATA UNAVAILABLE -							
6							- DATA UNAVAILABLE -							
7							- DATA UNAVAILABLE -							
8							- DATA UNAVAILABLE -							
9							- DATA UNAVAILABLE -							
10							- DATA UNAVAILABLE -							
11							- DATA UNAVAILABLE -							
12							- DATA UNAVAILABLE -							
13							- DATA UNAVAILABLE -							
14							- DATA UNAVAILABLE -							
15							- DATA UNAVAILABLE -							
16							- DATA UNAVAILABLE -							
17							- DATA UNAVAILABLE -							
18							- DATA UNAVAILABLE -							
19							- DATA UNAVAILABLE -							
20							- DATA UNAVAILABLE -							
21							- DATA UNAVAILABLE -							
22							- DATA UNAVAILABLE -							
23							- DATA UNAVAILABLE -							
24							- DATA UNAVAILABLE -							
25							- DATA UNAVAILABLE -							
26							- DATA UNAVAILABLE -							
27							- DATA UNAVAILABLE -							
28							- DATA UNAVAILABLE -							
29							- DATA UNAVAILABLE -							
30							- DATA UNAVAILABLE -							
31							- DATA UNAVAILABLE -							
MEAN	2	1	2	3	2	2	----	----	----	----	----	----	2.0	

PERCENTAGE OF DATA VALID - 1.6 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 98.1

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "-" INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1990

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES UNITS - 0.1 COMS/1000 FT

STATION - C NO 44015 BRONTE RD/WOBURN CRES. OAKVILLE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN			DATA UNAVAILABLE	
FEB			DATA UNAVAILABLE	
MAR			DATA UNAVAILABLE	
APR	21	2.7	6	11
MAY	31	2.0	6	13
JUN	30	2.0	6	13
JUL	31	2.2	5	14
AUG	31	1.8	5	11
SEP	30	2.8	6	15
OCT	0	2.0	----	3
YEAR	174	2.2	6	15

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 44015 BRONTE RD/WOBURN CRES. OAKVILLE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA UNAVAILABLE							
FEB	DATA UNAVAILABLE							
MAR	DATA UNAVAILABLE							
APR	214	40	1	0	0	0	0	255
MAY	341	27	2	0	0	0	0	370
JUN	323	34	2	0	0	0	0	359
JUL	336	35	1	0	0	0	0	372
AUG	342	29	1	0	0	0	0	372
SEP	289	62	7	0	0	0	0	358
OCT	6	0	0	0	0	0	0	6
YEAR	1851	227	14	0	0	0	0	2092

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
81.5	0	0.0	0.6	1.4	2.1	4.3	5.9	7.9	9.1	15	2.2

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 45024 206 EULALIE ST. OSHAWA

MONTH - JAN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	9	3	3	3	3	2	0	2	0	2	2	3	3
2	2	3	0	3	3	---	2	3	0	1	2	2	2
3	2	1	0	1	0	0	1	2	0	0	2	1	1
4	0	0	3	2	1	3	2	1	1	2	0	2	1
5	0	0	1	3	0	2	0	4	4	0	1	1	1
6	1	0	1	1	2	0	0	1	2	0	4	0	1
7	0	2	0	0	2	2	0	1	2	2	2	2	1
8	2	2	3	3	2	1	0	1	1	2	9	3	2
9	3	0	2	7	3	1	9	7	3	6	2	5	4
10	5	6	10	7	5	2	3	4	3	5	2	3	5
11	3	2	2	1	6	2	7	5	1	8	4	3	4
12	2	4	5	1	3	0	4	2	2	1	0	0	2
13	2	6	3	3	2	3	2	2	2	4	6	6	3
14	4	3	1	3	3	8	5	15	3	2	10	2	5
15	4	3	0	7	0	---	4	2	5	3	3	1	3
16	2	0	5	2	3	3	5	0	2	3	1	2	2
17	5	3	0	0	2	2	3	7	4	7	3	9	4
18	2	3	3	2	5	5	5	3	3	6	5	4	4
19	2	0	5	2	2	3	2	4	2	3	3	6	3
20	2	0	2	2	1	2	1	2	0	3	1	0	1
21	3	2	0	5	4	2	2	1	3	5	5	8	3
22	7	4	6	2	4	2	3	3	4	4	1	8	4
23	2	2	4	5	7	8	2	8	11	11	8	2	6
24	3	6	3	3	2	8	5	10	3	3	2	6	5
25	3	3	9	18	16	8	---	8	7	7	4	6	8
26	7	3	3	2	2	3	6	0	3	2	1	0	3
27	2	3	0	0	2	11	7	0	2	4	3	4	3
28	4	3	2	3	7	5	5	9	9	10	6	1	5
29	5	2	5	4	4	3	5	2	6	10	2	2	4
30	5	3	1	10	5	8	4	1	5	3	4	2	4
31	3	2	0	5	6	0	2	2	10	6	2	1	3
MEAN	3	2	3	4	4	3	3	4	3	4	3	3	3.3

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "-----" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "-----" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

	STATION - C NO 45024			206 EULALIE ST.			OSHAWA			MONTH - FEB 80				
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	4	0	4	4	4	4	7	3	3	5	3		
2	2	3	4	0	2	3	0	1	0	3	0	2		
3	2	2	0	2	2	2	3	0	1	0	2	2		
4	4	2	0	0	2	3	3	2	4	2	5	0		
5	4	5	2	0	4	5	5	1	3	2	3	2		
6	2	5	2	7	4	4	1	4	0	4	3	2		
7	5	2	5	1	2	0	3	***	0	5	2	2		
8	2	2	2	3	3	2	3	2	4	7	1	2		
9	2	1	3	0	3	0	3	2	2	3	2	1		
10	2	2	2	0	4	2	0	2	3	3	3	1		
11	3	5	2	7	5	3	2	3	3	3	4	4		
12	7	6	2	5	9	7	6	11	10	7	3	5		
13	7	3	5	5	3	7	6	6	2	7	2	4		
14	5	2	5	4	5	2	6	5	5	7	3	5		
15	1	3	2	7	3	2	3	2	6	2	3	1		
16	0	0	4	1	3	3	0	4	3	2	2	2		
17	3	5	2	8	2	3	2	2	1	5	5	2		
18	5	3	3	1	2	2	2	6	3	1	3	5		
19	1	3	3	2	9	3	***	3	9	5	5	4		
20	4	3	3	4	5	3	2	7	8	8	4	5		
21	5	5	5	6	5	2	3	2	2	2	2	2		
22	2	1	0	2	0	4	2	3	4	3	2	1		
23	4	1	3	2	3	1	2	2	3	2	2	6		
24	2	1	3	1	3	2	0	2	1	3	2	1		
25	1	2	1	0	2	1	1	***	2	0	2	0		
26	2	2	2	3	2	7	7	5	7	8	4	5		
27	3	4	2	3	5	8	14	11	10	9	3	4		
28	2	2	0	5	1	7	3	3	5	7	2	1		
29	0	6	2	3	3	2	6	3	4	4	3	6		
MEAN	3	3	2	3	3	3	3	4	4	4	3	3	3.2	

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

	STATION - C NO 45024			206 EULALIE ST.			OSHAWA			MONTH - MAR 80				
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	4	1	3	0	2	3	3	1	0	3	4	2	
2	3	3	2	2	2	1	0	2	3	4	2	6	3	
3	3	7	3	7	4	7	2	3	2	3	3	4	4	
4	2	7	6	6	7	3	5	3	3	6	***	13	5	
5	5	7	7	5	4	3	2	6	4	5	5	8	5	
6	3	2	3	4	5	2	4	3	2	4	2	2	3	
7	4	1	8	8	3	4	2	1	4	2	5	2	4	
8	2	3	1	0	3	2	3	2	2	4	2	2	2	
9	3	3	0	3	3	1	4	3	3	2	2	2	2	
10	6	2	2	2	1	3	3	4	2	3	5	3	3	
11	4	2	1	4	4	8	5	6	10	15	6	2	6	
12	2	2	1	2	4	4	2	4	2	1	2	2	2	
13	3	3	0	2	1	0	2	1	2	1	4	5	2	
14	2	2	4	3	3	3	***	6	3	2	0	3	2	
15	3	1	5	2	3	0	1	1	2	0	3	3	2	
16	2	4	4	2	2	2	0	2	3	3	0	3	4	
17	2	5	2	4	4	3	5	5	4	6	3	10	5	
18	1	2	2	4	4	9	6	8	7	7	5	6	4	
19	7	3	6	5	3	5	3	3	2	3	3	7	5	
20	8	6	5	8	2	6	5	2	2	3	5	7	5	
21	5	5	4	2	3	3	3	0	0	0	2	1	2	
22	4	2	2	3	2	2	0	3	2	4	2	4	3	
23	2	3	1	3	5	1	1	3	2	2	3	3	2	
24	3	5	2	2	2	3	1	4	4	3	4	2	3	
25	2	2	2	4	4	2	5	7	6	6	3	3	4	
26	3	2	2	4	0	3	***	0	6	4	2	3	3	
27	1	2	3	5	1	5	3	0	2	2	3	0	2	
28	4	3	2	2	2	3	3	4	5	4	6	2	3	
29	5	2	2	0	2	2	2	3	2	2	3	3	2	
30	0	1	2	2	1	2	0	4	4	1	3	3	2	
31	2	2	2	2	3	2	2	3	1	3	4	2	2	
MEAN	3	3	3	3	3	3	3	3	3	3	3	4	3.1	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 45024 206 EULALIE ST. OSHAWA

MONTH - APR 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	1	2	7	0	2	1	3	2	2	6	3	3
2	5	4	4	5	2	4	4	6	6	7	2	0	4
3	5	4	3	5	1	2	2	3	2	1	0	2	3
4	0	2	0	3	4	3	1	2	1	2	2	2	2
5	2	0	2	3	0	0	1	0	2	2	2	2	1
6	3	1	3	0	0	0	2	1	2	4	2	2	2
7	2	1	2	1	1	3	3	2	3	4	7	5	3
8	6	2	1	0	1	5	0	2	0	4	2	1	2
9	0	4	3	3	6	2	3	5	2	2	2	8	3
10	7	3	2	2	3	2	2	4	5	0	3	4	3
11	2	2	2	2	5	4	3	2	4	2	3	5	4
12	3	2	0	0	3	3	3	3	5	0	2	2	2
13	5	0	2	2	0	0	2	0	3	0	5	2	2
14	0	0	3	2	3	2	4	2	0	0	3	3	2
15	0	0	2	0	2	0	2	1	3	3	5	2	2
16	0	3	5	0	0	5	5	0	3	7	3	3	3
17	4	3	3	3	2	0	0	3	3	2	3	0	2
18	2	2	3	3	0	2	0	2	2	0	2	7	2
19	5	3	2	0	1	5	2	0	3	3	7	7	3
20	7	0	3	5	2	2	2	2	0	2	2	2	2
21	1	2	2	2	5	3	3	7	5	7	0	0	3
22	0	2	2	0	0	2	3	2	3	0	1	1	1
23	2	0	2	1	3	2	3	6	2	2	2	1	2
24	2	0	2	0	0	***	***	4	2	3	5	2	2
25	0	2	0	4	4	2	5	4	1	7	2	0	3
26	1	8	6	2	1	2	0	3	0	0	2	15	3
27	7	9	2	3	1	2	0	0	5	1	3	3	3
28	0	2	2	3	7	0	0	0	3	3	3	3	2
29	2	2	4	5	7	3	2	0	2	0	0	2	2
30	0	0	0	5	2	6	3	3	4	2	5	3	2
MEAN	3	2	2	2	2	2	2	2	3	2	3	3	2.4

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 45024 206 EULALIE ST. OSHAWA

MONTH - MAY 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	0	6	2	3	2	3	4	4	2	0	2
2	2	3	2	2	6	6	3	1	5	3	3	5	3
3	3	2	4	3	2	3	0	0	3	3	5	1	2
4	2	2	2	2	2	0	5	3	3	2	12	5	3
5	9	6	5	2	3	2	7	5	6	3	7	7	5
6	2	1	3	5	5	2	9	6	3	4	3	0	4
7	0	4	1	5	2	4	5	3	4	5	3	3	3
8	2	1	3	5	3	2	5	2	2	2	2	2	3
9	3	2	2	5	7	3	7	9	2	0	1	2	4
10	0	3	3	3	1	1	6	2	3	3	0	3	2
11	0	0	3	5	1	5	4	3	3	1	0	0	2
12	2	7	4	12	4	1	5	2	2	2	6	1	4
13	2	0	3	6	4	***	0	2	5	1	3	2	3
14	3	4	2	4	1	2	0	1	0	0	2	0	2
15	1	2	0	9	3	3	7	2	4	1	2	2	3
16	5	1	0	3	2	4	7	8	2	4	3	3	4
17	2	2	0	3	1	0	0	0	0	0	5	1	1
18	2	2	3	0	0	1	2	0	0	0	1	2	1
19	0	0	0	0	0	0	2	2	2	0	0	5	0
20	2	2	0	4	1	5	***	2	2	2	8	12	4
21	6	9	8	5	1	5	5	6	1	2	8	7	5
22	5	1	10	7	8	6	3	***	3	4	7	12	6
23	6	3	6	2	3	2	2	6	5	4	6	1	4
24	1	2	1	2	2	1	3	0	2	2	1	1	2
25	3	2	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	2	0	0	2	2	1	2	0	0	1
27	2	0	0	1	0	2	1	1	2	3	5	1	2
28	1	1	0	0	2	1	0	0	1	2	3	2	1
29	1	0	2	2	0	0	0	0	4	1	2	0	1
30	0	2	2	0	5	3	7	1	2	1	3	3	2
31	0	0	2	2	2	2	0	0	0	0	0	0	1
MEAN	2	2	2	3	2	2	3	2	2	2	3	3	2.6

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 45024 206 EULALIE ST. OSHAWA													MONTH - JUN 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	0	0	2	0	0	1	0	0	0	0	2
2	0	2	3	2	1	1	2	3	2	2	5	1	1	2
3	2	1	0	2	2	4	2	0	1	1	2	0	1	1
4	0	2	0	1	0	2	1	1	2	3	4	2	2	2
5	0	0	0	0	0	1	2	1	0	1	1	2	1	1
6	0	0	1	0	2	0	0	2	0	1	1	1	1	1
7	1	0	0	0	2	0	0	1	2	2	2	0	1	1
8	0	2	2	0	1	1	0	0	0	0	2	2	2	2
9	0	0	1	3	0	0	6	3	2	2	6	5	2	2
10	0	1	1	3	1	0	2	3	2	4	5	4	2	2
11	0	2	0	2	0	4	2	4	1	0	0	2	1	1
12	3	1	1	3	1	2	1	...	2	5	4	2	2	2
13	2	2	1	4	1	2	3	1	2	5	4	3	3	3
14	3	2	2	5	2	2	2	0	3	0	1	2	1	1
15	3	2	2	2	1	2	2	0	0	0	3	2	1	1
16	0	0	1	0	0	0	2	3	0	1	2	1	1	1
17	1	1	1	2	0	2	0	2	1	1	1	2	1	1
18	2	0	1	1	3	2	2	0	3	0	7	2	2	2
19	2	1	1	0	1	2	0	2	3	1	2	2	1	1
20	2	0	0	3	0	0	2	1	3	1	2	2	1	1
21	2	0	1	0	0	2	1	2	2	0	0	4	1	1
22	2	1	1	2	3	2	2	0	1	2	2	0	2	2
23	1	1	2	5	4	2	2	0	4	2	3	2	2	2
24	4	4	6	3	4	2	4	3	3	5	5	7	4	4
25	7	8	5	12	6	3	3	6	1	5	2	4	5	5
26	3	2	4	2	6	4	2	4	0	5	3	2	3	3
27	0	1	0	1	1	0	0	2	1	1	0	0	1	1
28	0	2	1	2	0	0	2	2	0	0	1	0	1	1
29	0	0	2	0	0	1	0	0	1	1	1	0	1	1
30	0	0	0	0	1	0	0	2	1	0	0	0	0	0
MEAN	1	1	1	2	1	2	2	2	1	2	2	2	1.6	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ... INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 45024 206 EULALIE ST. OSHAWA													MONTH - JUL 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	2	2	0	0	2	1	2	4	1	1	1
2	0	2	4	1	0	0	3	2	0	3	3	2	2	2
3	2	2	2	1	1	2	1	5	2	2	3	4	2	2
4	2	2	4	3	4	2	2	3	5	0	2	2	3	3
5	2	3	3	1	2	2	2	2	1	0	2	0	2	1
6	0	1	2	1	2	0	0	2	2	0	0	2	1	1
7	1	2	0	5	6	4	...	0	2	2	1	0	2	2
8	2	0	0	2	2	6	2	1	2	3	3	1	1	1
9	2	0	0	2	1	0	0	2	3	7	2	1	1	1
10	1	2	2	2	2	1	2	3	2	1	3	2	2	2
11	0	0	4	4	2	3	3	6	2	2	1	5	3	3
12	0	0	0	4	4	0	0	1	0	2	0	0	1	1
13	0	1	0	1	0	1	0	1	1	0	1	1	1	1
14	3	0	2	5	2	1	2	2	0	2	1	4	2	2
15	2	0	0	4	3	2	2	2	2	3	5	4	2	2
16	2	0	2	2	2	3	0	3	0	0	0	1	2	2
17	1	2	1	5	2	2	0	0	2	2	1	0	1	1
18	1	2	1	1	2	0	0	0	1	0	1	1	1	1
19	2	0	1	3	0	0	0	0	1	0	1	1	1	1
20	1	0	2	1	2	0	3	0	3	0	2	1	1	1
21	2	1	0	2	1	2	0	1	2	2	0	0	1	1
22	0	0	0	1	3	0	...	0	0	1	0	1	1	1
23	2	1	0	0	1	1	0	0	0	0	0	1	1	1
24	0	2	2	2	0	1	0	0	0	2	2	2	1	1
25	1	2	2	2	2	1	1	0	2	0	1	1	1	1
26	0	0	2	0	0	0	2	0	2	1	1	2	1	1
27	2	2	1	0	0	3	2	2	0	1	2	1	1	1
28	0	1	1	1	0	1	0	2	0	1	1	1	1	1
29	2	0	1	1	0	2	2	0	0	2	0	2	1	1
30	1	0	1	0	0	0	2	2	1	1	1	1	1	1
31	1	1	2	3	2	2	2	1	2	0	0	2	2	2
MEAN	1	1	1	2	2	1	1	1	1	1	2	1	1.4	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ... INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 45024 206 EULALIE ST. OSHAWA													MONTH - AUG 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	0	1	2	2	6	1	2	2	2	2	2	2
2	3	2	3	1	1	1	1	0	2	0	0	2	2	1
3	0	0	0	2	2	1	2	1	0	2	2	0	1	1
4	0	0	0	0	1	0	0	0	0	1	0	2	0	0
5	0	2	1	0	2	2	0	0	2	3	0	2	1	1
6	2	0	0	4	3	5	***	3	3	4	1	1	2	2
7	3	3	2	5	3	2	2	3	2	4	0	2	3	3
8	1	1	0	6	3	2	2	3	2	2	2	2	2	2
9	2	0	0	0	1	1	0	0	0	0	1	2	1	1
10	0	0	0	1	0	0	0	1	1	1	0	0	0	0
11	0	2	1	1	***	0	0	0	4	0	2	0	1	1
12	2	0	2	0	9	0	5	5	5	2	2	3	3	3
13	3	0	0	0	0	3	5	3	0	2	2	2	2	2
14	2	0	2	5	7	5	5	0	1	2	2	9	3	3
15	1	2	0	0	3	3	5	3	2	2	2	5	2	2
16	3	3	0	0	2	0	0	0	2	0	0	3	1	1
17	2	2	0	0	0	0	0	3	0	0	0	0	1	1
18	0	0	3	1	0	2	0	0	2	3	2	3	1	1
19	2	0	2	2	3	3	2	5	2	5	3	1	3	3
20	0	1	2	2	1	3	1	0	0	0	2	2	1	1
21	2	2	0	0	0	0	0	0	0	0	0	2	1	1
22	0	2	1	2	2	2	0	2	1	2	6	2	2	2
23	2	2	2	2	0	2	0	2	1	1	0	2	1	1
24	0	2	3	0	2	2	0	0	2	2	0	4	3	3
25	2	0	0	8	5	8	***	1	2	3	0	2	4	4
26	2	4	1	10	5	3	9	2	2	3	4	2	5	5
27	8	3	7	7	9	5	5	2	4	5	3	0	2	2
28	0	2	2	2	2	2	2	2	2	2	2	0	1	1
29	1	2	2	2	0	2	2	0	0	0	3	2	1	1
30	0	0	2	2	3	2	3	0	3	1	5	2	2	2
31	3	2	4	0	2	2	0	2	2	0	2	1	2	2
MEAN	2	1	1	2	3	2	2	1	2	2	2	2	1.8	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 45024 206 EULALIE ST. OSHAWA													MONTH - SEP 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	0	0	2	1	0	0	3	0	2	2	1	1
2	2	0	2	0	3	5	2	2	5	0	5	5	3	3
3	1	0	2	5	5	2	7	0	5	2	7	2	3	3
4	2	2	0	1	2	0	1	0	5	0	0	0	1	1
5	3	2	5	9	0	1	0	7	7	3	0	2	3	3
6	0	2	7	0	7	2	3	2	3	3	0	0	2	2
7	0	2	0	5	0	0	0	2	3	0	0	0	1	1
8	3	0	3	2	0	0	0	0	2	0	3	0	1	1
9	0	2	2	2	0	3	***	3	2	7	8	8	3	3
10	0	0	2	7	4	4	6	2	5	4	4	5	4	4
11	1	1	3	2	1	0	5	2	4	2	5	8	3	3
12	1	0	1	1	2	1	2	2	1	2	0	2	1	1
13	1	1	1	2	1	0	1	2	1	1	1	2	1	1
14	1	2	1	2	2	1	0	2	0	1	0	1	1	1
15	1	0	0	2	1	0	2	0	1	2	2	2	1	1
16	1	1	2	4	1	1	1	2	1	2	2	2	2	2
17	0	5	1	2	2	4	0	3	2	6	1	0	2	2
18	4	0	0	3	1	1	***	1	1	2	2	0	1	1
19	1	2	1	3	1	3	2	2	4	4	0	4	2	2
20	1	4	2	4	4	2	2	4	5	0	3	2	3	3
21	0	3	0	1	4	1	3	0	2	1	0	1	1	1
22	0	0	1	3	5	0	4	2	0	0	2	5	2	2
23	1	0	4	2	2	0	0	3	2	0	4	1	1	1
24	0	3	1	2	0	0	3	2	2	1	2	2	1	1
25	2	2	3	0	0	3	0	2	1	2	2	3	2	2
26	1	1	2	1	2	1	2	3	0	2	2	0	1	1
27	0	0	2	1	1	0	2	0	1	0	0	1	1	1
28	0	7	0	2	1	4	0	3	0	2	2	0	1	1
29	3	1	2	5	4	4	2	2	3	1	5	3	3	3
30	2	1	2	5	4	4	2	2	3	1	5	3	3	3
MEAN	1	2	2	3	2	2	2	2	2	2	2	2	1.9	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CONS/1000 FT	
STATION - C NO 45024 206 EULALIE ST. OSHAWA													MONTH - OCT 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	3	3	5	2	2	2	2	4	3	2	0	2	
2	4	3	1	1	2	0	3	4	0	4	2	0	2	
3	3	2	3	2	1	0	0	0	0	2	0	0	1	
4	1	2	2	2	1	2	0	2	3	2	1	2	2	
5	1	1	1	5	0	0	1	0	2	0	2	0	1	
6	1	2	4	3	4	0	2	3	2	7	7	2	3	
7	0	3	7	1	2	3	1	0	2	5	6	2	4	
8	4	2	6	2	1	3	4	3	4	1	0	4	2	
9	3	1	0	2	4	0	5	4	2	1	0	4	2	
10	1	1	0	5	1	1	0	2	2	1	1	1	1	
11	2	2	2	2	4	1	6	3	0	2	0	0	2	
12	4	2	1	2	1	1	1	0	0	1	2	1	1	
13	1	2	3	2	0	2	4	2	0	0	2	0	2	
14	2	1	3	0	5	5	1	3	0	5	5	0	3	
15	4	0	2	1	0	3	1	2	2	0	0	1	1	
16	0	0	7	0	3	5	2	4	3	5	0	3	3	
17	3	2	1	2	1	2	0	3	1	2	0	0	1	
18	1	0	1	1	1	1	0	1	1	3	1	4	1	
19	0	0	1	0	1	2	4	2	6	1	5	0	3	
20	0	3	2	2	3	0	2	2	4	2	0	0	2	
21	2	4	8	1	****	0	2	2	4	2	2	0	2	
22	1	0	2	2	4	0	0	1	0	2	1	0	1	
23	0	0	2	0	2	0	1	2	2	2	2	3	1	
24	2	0	0	0	2	0	1	0	0	2	0	0	1	
25	1	0	0	1	1	0	2	0	2	0	1	0	1	
26	1	0	2	2	0	0	0	2	1	0	1	0	1	
27	1	0	2	3	1	1	4	0	0	0	4	2	2	
28	2	0	2	0	2	2	2	2	2	3	0	0	2	
29	0	0	0	3	2	2	4	0	1	1	0	2	1	
30	0	1	2	0	0	4	1	1	1	2	2	2	1	
31	2	3	1	2	6	0	2	3	2	7	2	1	3	
MEAN	2	1	2	2	2	1	2	2	2	2	2	2	1.8	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CONS/1000 FT	
STATION - C NO 45024 206 EULALIE ST. OSHAWA													MONTH - NOV 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	0	0	0	3	0	0	0	0	2	0	1	
2	0	3	2	0	0	0	1	0	1	9	4	***	2	
3	***	***	***	***	***	***	0	0	1	3	4	3	***	
4	0	0	1	0	0	0	2	8	3	5	2	0	2	
5	0	1	0	2	1	4	4	5	2	2	1	0	2	
6	2	1	2	8	2	1	0	0	4	2	5	0	2	
7	0	3	5	2	0	4	4	4	2	3	0	0	3	
8	2	0	0	4	0	0	0	0	0	2	0	3	1	
9	1	0	1	0	3	2	0	0	0	0	0	3	1	
10	0	0	0	3	0	3	2	0	0	0	1	1	1	
11	0	0	0	0	0	0	0	0	0	0	2	1	0	
12	0	0	0	0	0	2	2	4	9	7	0	2	2	
13	0	5	2	4	1	2	4	5	8	2	4	3	3	
14	5	2	0	2	1	2	2	2	0	2	0	2	2	
15	2	2	3	0	2	1	0	1	0	0	0	0	1	
16	1	0	0	0	2	3	0	0	0	4	8	2	2	
17	2	1	1	2	1	0	2	2	0	0	2	0	1	
18	0	0	0	5	1	2	0	0	2	0	5	0	2	
19	2	0	4	2	2	3	2	3	4	0	1	1	2	
20	3	2	7	4	4	6	0	0	2	1	1	6	3	
21	4	0	7	2	2	5	0	3	3	2	2	0	3	
22	1	0	1	3	1	2	2	2	4	0	2	0	2	
23	0	2	2	0	5	0	6	2	2	2	2	1	2	
24	0	1	5	2	2	3	0	1	2	1	0	4	1	
25	0	0	0	4	2	3	0	2	0	17	14	4	6	
26	0	1	2	6	1	***	6	5	5	17	14	0	2	
27	6	3	0	3	5	2	4	0	7	0	3	0	4	
28	4	0	6	2	0	0	9	2	7	4	4	0	2	
29	2	7	1	3	0	2	0	0	2	2	6	3	2	
30	0	0	0	1	2	0	2	3	2	2	0	0	2	
MEAN	1	1	2	2	1	2	2	2	2	3	3	2	1.9	

PERCENTAGE OF DATA VALID - 97.5

PERCENTAGE OF DATA INVALID - 2.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT
STATION - C NO 45024 206 EULALIE ST. OSHAWA													MONTH - DEC 80
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	1	8	8	3	8	5	3	2	1	6	0	4
2	1	0	0	0	3	5	4	3	2	0	2	1	2
3	10	2	3	2	3	8	1	5	5	3	1	3	4
4	0	0	0	2	1	3	2	3	3	3	8	0	2
5	2	5	0	6	2	0	6	4	8	12	12	8	5
6	2	6	4	0	1	5	0	2	8	4	0	0	3
7	4	0	2	0	7	3	0	8	5	9	9	7	5
8	12	10	0	4	12	10	----	----	4	2	3	1	6
9	4	2	0	9	0	2	2	3	2	2	1	6	3
10	0	6	0	5	2	2	5	1	6	5	2	0	3
11	1	1	4	8	3	4	3	0	3	3	4	4	3
12	1	2	2	5	2	2	4	4	4	4	4	2	3
13	0	2	0	0	1	0	2	1	2	5	2	0	1
14	0	0	2	4	0	3	0	2	2	2	2	5	1
15	0	1	2	4	5	2	6	0	0	0	0	2	2
16	2	2	2	4	0	0	4	2	2	0	3	2	2
17	0	1	2	6	6	3	4	2	5	3	4	5	3
18	1	1	1	9	3	2	2	6	2	2	2	3	2
19	0	3	0	2	2	3	0	3	3	2	2	0	2
20	1	2	1	0	3	3	0	3	3	2	2	0	2
21	3	1	1	1	2	2	0	3	2	5	0	7	2
22	2	7	5	1	5	0	0	3	2	2	0	3	3
23	2	6	3	7	7	2	3	2	6	4	4	0	4
24	4	2	2	0	1	2	0	0	0	0	3	1	1
25	0	4	0	4	0	2	2	2	3	9	12	6	4
26	4	4	0	3	0	2	1	2	3	0	6	1	2
27	3	5	1	5	0	2	2	2	0	0	0	0	2
28	0	6	0	2	5	0	4	4	1	6	2	5	3
29	3	0	6	2	2	3	3	3	8	2	0	4	3
30	0	3	2	0	1	0	----	0	0	2	0	4	1
31	0	0	0	4	1	0	0	2	0	0	0	0	1
MEAN	2	3	2	3	3	3	2	3	3	3	3	3	2.7

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "-----" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "-----" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 45024 206 EULALIE ST. OSHAWA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.3	8	18
FEB	29	3.2	7	14
MAR	31	3.1	6	15
APR	30	2.4	4	15
MAY	31	2.6	6	12
JUN	30	1.6	5	12
JUL	31	1.4	3	7
AUG	31	1.8	5	10
SEP	30	1.9	4	9
OCT	31	1.8	4	12
NOV	29	1.9	6	17
DEC	31	2.7	6	12
YEAR	365	2.3	8	18

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 45024 206 EULALIE ST. OSHAWA

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	275	88	4	2	0	0	0	369
FEB	262	80	3	0	0	0	0	345
MAR	297	70	2	0	0	0	0	369
APR	304	53	1	0	0	0	0	358
MAY	296	69	4	0	0	0	0	369
JUN	337	21	1	0	0	0	0	359
JUL	357	13	0	0	0	0	0	370
AUG	336	33	0	0	0	0	0	369
SEP	323	35	0	0	0	0	0	358
OCT	345	25	1	0	0	0	0	371
NOV	312	37	1	1	0	0	0	351
DEC	298	66	5	0	0	0	0	369
YEAR	3742	590	22	3	0	0	0	4357

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
99.2	0	0.0	0.5	1.5	2.4	4.7	6.1	7.7	8.9	18	2.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA

MONTH - JAN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	1	2	1	0	2	3	0	2	3	1	2	2
2	0	0	3	3	2	0	0	0	0	3	2	2	1
3	2	0	0	2	2	0	---	2	2	2	2	2	1
4	2	2	1	3	5	2	2	2	0	3	3	3	2
5	2	2	2	2	2	7	2	2	2	0	2	2	2
6	0	3	0	0	6	2	1	0	2	2	4	2	2
7	4	3	0	2	2	2	2	5	3	0	0	2	2
8	2	2	2	0	2	---	5	3	3	0	2	2	1
9	2	2	2	1	2	2	0	0	2	0	2	2	2
10	0	0	0	4	2	3	2	2	2	1	1	2	2
11	1	2	2	2	0	0	0	1	2	0	2	1	1
12	0	1	0	0	2	0	0	2	0	0	2	2	1
13	0	3	2	0	2	2	2	3	4	0	2	2	2
14	0	2	2	0	2	2	2	0	3	2	0	3	1
15	2	3	3	6	9	4	1	1	2	2	0	3	3
16	3	1	1	0	0	2	0	0	0	2	0	0	2
17	3	0	2	5	2	0	2	3	3	2	0	0	1
18	0	0	2	2	3	3	2	3	1	7	1	0	1
19	2	0	0	0	1	2	0	0	2	2	1	3	1
20	1	0	3	1	0	0	0	0	2	2	0	3	1
21	1	0	0	2	1	0	4	2	0	5	3	2	2
22	2	0	0	3	1	5	2	2	3	1	1	1	2
23	3	1	1	2	0	0	1	0	2	1	2	2	1
24	2	0	2	1	0	0	2	0	0	2	2	2	1
25	0	0	2	2	3	6	3	3	6	3	2	3	3
26	0	0	2	2	3	4	1	1	1	1	1	0	1
27	2	0	0	5	1	1	0	3	1	2	2	1	2
28	4	1	1	3	1	0	0	0	0	2	2	1	1
29	2	2	0	4	3	2	2	2	2	1	0	0	1
30	0	0	0	0	2	2	2	2	2	1	0	0	1
31	1	0	0	2	2	0	2	1	2	3	2	1	1
MEAN	1	1	1	2	2	2	2	1	2	1	2	1	1.6

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. --- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA													MONTH - FEB 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	2	1	1	1	0	0	2	2	0	2	1	
2	0	2	0	2	0	0	2	0	0	0	2	0	1	
3	2	2	0	2	0	0	2	2	2	2	0	0	1	
4	3	1	1	2	0	2	1	2	1	0	2	0	1	
5	3	3	2	3	6	***	0	1	2	3	6	1	3	
6	0	3	2	3	3	2	2	2	5	2	3	2	2	
7	0	1	0	3	3	4	2	0	2	3	0	2	2	
8	0	2	0	0	3	1	2	2	2	1	3	1	1	
9	0	0	1	0	1	0	0	1	1	0	2	1	1	
10	0	3	0	3	2	0	5	2	2	2	1	1	2	
11	0	0	3	2	5	2	0	0	1	0	2	0	2	
12	2	2	1	2	3	0	2	2	1	4	1	1	2	
13	1	5	2	2	7	0	3	0	3	0	2	2	2	
14	0	0	0	2	2	0	2	1	2	2	1	4	1	
15	0	2	0	2	6	2	4	0	2	4	2	0	2	
16	3	1	2	2	2	0	2	0	3	0	1	1	1	
17	0	5	2	1	0	0	5	0	0	4	3	3	2	
18	5	0	2	2	0	2	2	1	0	2	0	0	1	
19	0	0	1	5	2	0	3	3	2	7	5	4	3	
20	4	0	7	6	3	6	3	5	5	2	5	7	4	
21	7	2	1	3	2	5	2	2	2	3	0	1	3	
22	1	0	1	2	0	7	0	1	7	2	2	1	2	
23	0	3	1	0	0	0	2	0	0	5	0	3	1	
24	0	0	2	0	0	2	0	0	3	0	1	2	1	
25	0	0	3	0	2	3	1	1	2	0	1	3	1	
26	2	2	1	0	0	2	0	2	1	1	1	0	1	
27	0	0	0	0	3	2	0	7	2	0	4	2	2	
28	2	1	2	0	0	0	1	3	2	2	2	0	1	
29	0	0	2	0	2	0	0	3	0	2	2	0	1	
MEAN	1	1	1	2	2	2	2	2	2	2	2	2	1.7	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA													MONTH - MAR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	0	2	0	0	0	0	2	0	2	2	1	
2	0	2	0	2	0	0	2	0	2	3	2	2	1	
3	3	0	3	2	0	2	1	0	2	0	1	2	1	
4	0	3	0	4	4	2	3	2	2	3	4	2	2	
5	2	1	0	3	3	0	5	2	0	2	0	0	2	
6	0	0	1	5	2	2	1	1	0	2	2	2	2	
7	2	2	7	1	5	2	1	0	2	5	0	2	2	
8	3	2	2	3	2	3	3	0	1	1	0	0	2	
9	2	0	1	0	0	1	5	0	3	1	1	1	1	
10	3	2	2	5	2	0	3	2	3	2	0	0	2	
11	2	1	0	2	0	0	0	0	2	1	0	1	1	
12	0	1	2	2	0	0	0	0	0	0	0	2	1	
13	1	0	0	0	0	1	0	2	0	1	0	1	1	
14	0	1	0	1	1	0	1	1	3	0	0	0	1	
15	0	2	0	0	1	0	0	2	4	0	5	1	1	
16	2	3	2	1	0	0	1	3	0	2	0	0	1	
17	1	2	0	2	13	2	0	2	0	3	2	0	2	
18	0	2	0	0	2	1	1	2	0	0	2	1	1	
19	0	1	0	2	2	1	0	3	0	2	3	2	1	
20	2	2	2	7	4	0	3	0	2	6	0	0	2	
21	3	1	0	3	2	2	***	0	0	2	1	2	1	
22	0	2	2	1	0	4	2	0	0	1	0	0	1	
23	0	0	2	2	3	1	2	2	2	2	3	2	2	
24	3	3	2	1	5	0	4	2	4	2	4	2	3	
25	0	0	2	2	2	0	0	3	0	0	3	0	1	
26	0	0	2	3	0	4	2	1	2	4	1	0	2	
27	3	0	2	3	3	0	3	4	0	2	0	0	2	
28	7	1	2	5	5	2	2	2	0	4	4	2	3	
29	0	5	0	2	7	2	3	0	0	0	3	2	2	
30	0	0	0	3	3	0	1	2	0	1	2	1	1	
31	1	2	0	1	2	5	0	3	0	2	4	2	2	
MEAN	1	1	1	2	2	1	2	1	1	2	2	1	1.5	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA													MONTH - APR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	4	3	3	5	5	0	2	2	4	5	2	2	3	3
2	6	2	2	4	7	0	0	2	2	0	3	3	3	3
3	2	0	4	4	0	0	4	1	1	0	2	0	2	2
4	0	3	0	6	2	2	0	0	0	2	1	0	1	1
5	0	2	2	3	0	2	2	2	2	2	5	2	2	2
6	2	2	0	0	1	0	4	0	0	4	3	2	2	2
7	2	3	8	2	2	0	5	4	2	2	0	2	3	3
8	5	0	2	***	***	4	8	0	0	0	0	5	2	2
9	2	3	2	2	3	3	1	2	5	0	2	0	2	2
10	2	2	0	0	0	3	1	2	5	2	1	1	2	2
11	1	0	0	3	3	3	0	4	3	3	2	5	2	2
12	1	2	2	2	2	3	8	4	0	3	3	2	2	2
13	2	1	2	0	2	0	0	2	0	3	3	2	1	1
14	6	3	6	4	8	0	1	2	2	2	2	2	3	3
15	3	0	0	0	5	0	0	1	1	0	3	2	2	2
16	2	0	1	4	2	2	1	2	2	2	0	0	2	2
17	4	3	2	4	2	2	2	0	3	4	2	2	3	3
18	3	0	1	2	2	3	2	2	6	0	0	5	3	3
19	1	2	3	7	0	2	0	0	6	3	6	5	1	1
20	3	0	6	0	2	1	0	0	2	1	2	0		
21	2	5	2	0	2	2	0	2	2	0	2	2	2	2
22	3	3	2	2	2	0	0	3	1	1	0	2	2	2
23	1	2	0	0	2	2	1	3	0	2	2	2	2	2
24	1	1	0	5	2	0	2	4	3	2	5	0	2	2
25	2	0	0	0	4	2	***	0	0	0	6	4	2	2
26	0	4	0	0	4	2	0	0	0	1	1	0	1	1
27	0	3	0	1	2	1	0	0	0	2	1	2	1	1
28	2	1	0	6	0	0	2	0	0	2	3	0	0	0
29	1	0	0	0	0	0	0	2	0	2	0	0	1	1
30	3	0	3	2	0	4	2	2	5	2	3	3	2	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	1.9	

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA													MONTH - MAY 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	3	1	2	2	0	0	2	3	2	1	1	1
2	0	0	5	1	4	3	0	1	0	3	2	0	2	2
3	2	1	0	0	2	0	0	0	2	0	0	0	1	1
4	0	1	0	2	3	1	0	0	0	2	2	0	1	1
5	1	0	0	2	2	2	1	0	1	4	1	1	1	1
6	0	0	0	2	4	2	3	0	0	0	0	0	1	1
7	2	0	0	2	2	1	0	0	0	0	3	2	1	1
8	1	2	1	0	1	1	0	0	0	0	0	3	1	1
9	0	0	0	0	2	3	2	0	1	0	2	3	1	1
10	1	0	0	7	0	2	0	0	0	2	0	0	1	1
11	2	0	2	0	0	7	1	0	3	0	0	3	2	2
12	0	0	2	0	0	2	0	0	1	1	2	2	1	1
13	0	1	1	2	5	0	0	2	0	2	5	0	2	2
14	2	1	0	3	2	0	1	0	0	2	1	0	1	1
15	1	0	0	2	1	0	1	3	2	1	2	2	1	1
16	2	0	2	2	0	2	2	1	2	2	2	2	2	2
17	0	3	2	0	1	1	0	1	1	1	2	0	1	1
18	2	2	1	0	1	0	2	2	1	0	0	0	1	1
19	0	1	1	0	1	0	0	2	0	2	2	0	1	1
20	4	1	1	1	0	1	0	3	0	0	2	2	1	1
21	2	3	7	0	2	4	3	3	3	0	2	0	2	2
22	0	2	1	0	0	3	3	0	1	0	4	0	1	1
23	4	5	2	1	0	2	4	2	0	1	1	0	2	2
24	1	0	2	2	1	1	5	1	0	2	0	2	1	1
25	1	0	2	2	0	2	0	0	0	1	0	2	1	1
26	0	0	0	2	1	2	0	0	0	0	1	0	1	1
27	1	0	1	3	3	0	1	2	2	0	3	2	2	2
28	0	2	1	2	2	2	0	2	4	1	2	0	2	2
29	0	4	0	2	1	1	0	2	0	2	1	0	1	1
30	0	2	0	5	***	2	2	3	4	4	3	0	2	2
31	2	1	1	0	4	2	0	1	0	3	0	0	1	1
MEAN	1	1	1	1	2	2	1	1	1	1	2	1	1.2	

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 46025			MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA				MONTH - JUN 80						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	0	2	2	0	1	0	1	0	2	0	
2	0	0	5	3	4	3	6	3	1	2	1	3	
3	0	0	5	2	2	3	2	0	1	1	0	0	
4	2	0	1	2	1	0	2	0	4	2	1	0	
5	5	2	0	2	0	0	1	1	0	2	0	2	
6	0	1	0	2	2	2	2	0	2	1	2	2	
7	2	1	3	2	2	0	2	0	2	1	4	2	
8	2	0	2	0	3	1	1	1	0	0	2	0	
9	1	0	1	1	2	1	2	0	0	2	0	2	
10	0	2	1	0	1	0	1	0	0	0	0	1	
11	2	0	2	2	2	2	0	0	1	0	2	7	
12	3	0	2	4	5	3	0	0	0	0	2	2	
13	2	3	0	8	2	0	2	2	2	4	4	6	
14	6	2	5	4	3	5	3	3	2	1	3	2	
15	2	3	3	2	3	3	0	0	1	0	0	2	
16	0	0	3	2	0	0	1	2	2	2	1	1	
17	0	2	2	1	0	0	2	2	2	0	0	0	
18	1	0	1	4	2	0	2	2	3	2	2	0	
19	4	2	2	3	0	1	1	2	0	3	0	0	
20	0	0	0	0	2	0	2	0	2	0	0	0	
21	0	2	0	3	0	0	0	2	2	0	0	2	
22	0	3	2	2	1	4	0	1	2	1	3	2	
23	2	4	4	6	7	4	5	2	3	0	2	3	
24	4	1	4	6	2	5	4	5	2	4	4	1	
25	3	3	1	6	5	5	2	6	0	2	0	3	
26	3	2	2	3	3	0	0	0	1	6	0	0	
27	0	2	2	***	2	2	0	0	2	0	1	1	
28	0	1	0	2	0	1	0	2	1	0	3	0	
29	3	0	3	0	2	2	0	3	2	2	2	0	
30	0	1	2	2	1	2	0	4	1	4	0	0	
MEAN	2	1	2	3	2	2	1	1	2	1	1	1	1.6

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 46025			MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA					MONTH - JUL 80						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	2	0	5	0	2	0	4	2	4	1	2	
2	2	2	2	2	3	1	3	0	1	1	2	2	2	
3	2	4	2	6	3	0	2	1	3	3	2	3	2	
4	2	2	2	6	2	0	4	2	3	5	4	7	3	
5	5	4	5	2	5	0	4	0	1	0	2	0	2	
6	0	0	0	0	1	0	2	2	0	1	1	0	1	
7	3	1	4	0	***	0	0	3	6	3	0	3	3	
8	1	0	2	6	7	1	3	1	1	1	4	3	3	
9	3	0	3	5	7	0	0	8	0	7	3	7	4	
10	3	1	6	14	4	6	2	2	3	2	4	3	4	
11	2	1	0	7	7	0	2	4	0	3	0	2	2	
12	1	2	0	3	2	2	1	1	3	0	3	2	2	
13	0	4	0	1	6	0	2	0	5	0	0	2	2	
14	3	2	2	9	0	4	6	0	0	2	8	2	3	
15	3	2	0	6	6	3	3	2	5	0	4	0	3	
16	2	0	1	1	5	0	5	0	4	2	2	2	2	
17	3	0	3	1	6	0	0	0	0	2	2	2	2	
18	0	2	0	7	7	5	1	1	3	4	3	3	3	
19	3	5	0	2	2	2	0	2	2	1	0	2	2	
20	4	2	7	2	3	1	1	0	1	1	1	0	2	
21		1	2	0	2	2	1	2	0	2	1	0	1	
22	3	0	2	0	2	1	2	4	0	0	0	2	1	
23	0	0	0	2	2	0	2	0	0	1	0	1	1	
24	0	2	3	1	4	1	***	0	0	5	0	1	1	
25	1	0	2	7	5	0	0	0	0	0	0	2	1	
26	2	0	3	2	2	0	3	3	1	0	3	0	2	
27	5	7	7	0	0	0	0	2	0	2	2	0	2	
28	0	0	1	2	0	0	4	0	0	1	0	0	1	
29	0	0	0	5	0	5	0	2	2	4	3	9	3	
30	0	2	0	3	0	0	0	0	0	0	2	0	1	
31	2	2	3	3	2	0	2	0	2	1	0	2	2	
MEAN	2	2	2	3	3	1	2	2	1	2	2	2	2.0	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA													MONTH - AUG 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	0	3	3	2	0	5	2	0	0	2	0	2	1
2	3	0	0	0	0	4	2	3	0	0	0	0	0	1
3	0	0	2	2	0	0	2	0	3	0	2	0	0	1
4	0	0	2	0	2	0	0	0	2	0	2	0	0	1
5	4	0	0	2	3	4	4	3	2	2	0	2	0	2
6	0	0	3	0	0	0	0	2	1	0	0	0	0	1
7	3	2	1	2	0	2	3	2	2	0	0	0	0	1
8	4	2	2	0	0	0	0	3	4	2	0	1	2	1
9	0	0	0	0	0	0	2	0	0	0	0	0	0	0
10	0	3	0	2	0	0	0	3	4	2	0	0	0	1
11	5	3	3	9	1	2	2	0	0	0	0	1	2	2
12	0	0	0	0	0	3	3	0	2	0	0	3	1	2
13	0	3	0	0	3	2	0	2	0	2	0	2	2	2
14	2	3	0	2	0	1	2	2	0	2	2	2	2	2
15	2	5	0	2	****	.	.	.	.	.	.	.	*****	2
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														
31														
MEAN	2	1	1	2	1	1	2	2	1	1	1	1	1.3	

PERCENTAGE OF DATA VALID - 46.2 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 53.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. **.** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA													MONTH - SEP 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17						2	2	0	0	5	3	0	*****	2
18	2	2	0	3	2	2	2	2	0	0	2	2	2	2
19	2	0	0	3	2	3	0	0	2	2	5	2	2	2
20	0	3	0	5	3	2	2	2	2	2	5	2	2	2
21	3	3	3	7	3	3	3	2	0	0	3	1	3	3
22	2	1	3	0	2	0	2	0	0	0	0	0	1	1
23	0	0	0	3	2	2	1	0	2	5	0	2	1	1
24	2	0	0	4	5	0	0	0	2	0	2	0	1	1
25	0	0	2	9	15	7	3	5	2	3	3	1	5	5
26	0	4	0	0	0	0	0	0	2	0	0	2	1	1
27	2	0	0	0	0	3	0	0	0	0	3	2	1	1
28	0	2	0	0	0	0	2	0	0	2	2	2	1	1
29	3	3	1	0	0	3	0	0	2	4	3	3	3	3
30	2	3	0	13	5	3	0	0	2	4	3	3	3	3
MEAN	1	2	1	4	3	2	1	1	1	2	2	2	1.7	

PERCENTAGE OF DATA VALID - 45.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 54.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. **.** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA													MONTH - OCT 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	5	2	12	9	7	3	3	7	2	7	5	5	
2	5	5	5	12	2	1	0	0	2	5	3	2	4	
3	0	0	0	2	0	2	2	0	2	3	2	3	1	
4	0	0	3	5	3	0	0	5	2	5	2	0	2	
5	3	0	2	2	0	3	0	0	2	0	2	0	1	
6	3	0	0	3	0	3	2	0	0	3	0	3	1	
7	2	2	2	5	1	2	0	3	0	2	2	2	2	
8	3	2	1	13	9	5	3	3	0	5	0	1	4	
9	3	2	2	5	2	0	2	2	0	2	0	0	2	
10	2	0	2	5	3	3	0	0	2	5	2	5	2	
11	5	0	1	19	5	1	0	0	0	2	5	7	4	
12	9	3	2	2	0	3	0	0	0	0	3	0	2	
13	0	2	2	0	0	0	0	0	0	0	0	0	0	
14	3	0	0	0	0	0	0	2	0	0	0	0	0	
15	2	0	3	3	0	5	2	0	0	2	3	5	2	
16	2	5	5	5	5	3	7	2	3	2	0	5	4	
17	0	7	12	2	2	7	7	3	5	2	0	0	4	
18	0	2	0	3	0	2	0	2	2	0	0	0	1	
19	0	0	2	0	0	0	0	2	0	9	5	0	2	
20	0	0	0	3	2	0	0	2	0	0	4	2	1	
21	0	0	0	9	2	0	2	0	0	0	0	0	1	
22	7	0	0	5	3	2	0	0	3	0	3	2	2	
23	5	0	3	12	3	0	0	0	2	0	0	0	2	
24	0	0	0	0	13	3	0	5	3	0	2	2	2	
25	0	0	2	0	3	0	3	0	2	2	0	0	1	
26	0	2	0	0	0	0	0	2	0	0	0	0	0	
27	2	0	2	0	2	3	2	3	0	5	0	3	2	
28	3	7	2	2	1	2	0	0	2	2	0	4	2	
29	7	0	0	3	2	0	5	0	12	0	0	2	3	
30	3	0	2	2	3	7	4	0	2	2	0	0	2	
31	3	2	1	0	5	0	7	0	5	2	2	****	2	
MEAN	2	1	2	4	3	2	2	1	2	2	1	2	2.1	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA													MONTH - NOV 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1													- DATA UNAVAILABLE -	
2													- DATA UNAVAILABLE -	
3													- DATA UNAVAILABLE -	
4													- DATA UNAVAILABLE -	
5													- DATA UNAVAILABLE -	
6													- DATA UNAVAILABLE -	
7													- DATA UNAVAILABLE -	
8													- DATA UNAVAILABLE -	
9													- DATA UNAVAILABLE -	
10													- DATA UNAVAILABLE -	
11													- DATA UNAVAILABLE -	
12						****	2	5	15	10	9	0	*****	
13	5	5	3	12	9	4	8	8	8	10	9	9	8	
14	4	8	4	1	6	1	4	0	4	0	6	2	3	
15	0	1	0	2	2	2	2	2	2	0	5	2	2	
16	0	2	0	3	0	2	2	0	4	7	9	4	3	
17	10	7	8	14	0	1	2	3	6	2	3	2	5	
18	0	1	1	7	5	0	3	4	0	2	0	0	2	
19	0	2	2	3	0	4	2	2	6	2	3	4	3	
20	2	4	4	7	6	5	4	9	2	5	5	3	5	
21	2	4	1	4	4	3	1	3	0	3	2	2	2	
22	2	0	2	2	1	5	0	2	2	0	6	9	3	
23	4	0	3	6	6	3	5	5	10	9	5	2	5	
24	6	6	7	3	10	12	10	9	7	0	2	4	6	
25	1	0	2	1	0	1	1	2	1	3	3	2	1	
26	1	2	1	7	6	1	0	3	0	6	6	7	4	
27	2	6	7	1	2	1	2	2	0	3	1	2	2	
28	2	0	0	1	0	****	****	7	4	3	1	3	2	
29	3	1	2	2	2	1	0	4	2	1	5	2	2	
30	2	0	1	0	1	0	3	0	3	6	6	1	2	
MEAN	3	3	3	4	3	3	3	4	4	4	5	3	3.4	

PERCENTAGE OF DATA VALID - 61.1

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 38.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COMS/1000 FT	
STATION - C NO 46025 MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA														MONTH - DEC 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	4	3	4	3	2	7	3	4	7	5	9	4		
2	2	4	7	6	4	3	6	5	0	3	0	2	4		
3	2	1	0	4	0	4	0	2	0	3	3	2	2		
4	3	0	0	4	8	7	5	4	5	9	10	6	5		
5	4	4	7	5	19	2	2	1	3	9	12	14	7		
6	12	5	12	2	12	4	0	5	0	3	4	1	5		
7	4	6	2	6	9	2	4	12	9	12	6	12	7		
8	10	10	8	12	12	6	3	0	3	0	2	1	6		
9	1	0	2	2	4	3	3	0	7	6	2	3	3		
10	1	2	2	2	2	3	2	2	1	1	0	0	2		
11	3	1	0	8	6	4	2	0	4	2	4	0	3		
12	2	4	2	3	6	2	3	10	8	2	2	0	4		
13	0	2	0	2	2	0	5	0	2	2	3	0	2		
14	1	2	2	2	0	3	4	0	0	1	1	2	2		
15	1	2	0	6	4	6	2	7	10	6	5	4	4		
16	3	7	5	7	3	4	4	3	2	3	1	2	4		
17	2	2	1	3	4	2	6	6	3	1	2	0	3		
18	2	2	2	4	1	2	2	0	3	0	0	0	2		
19	2	1	0	3	1	0	4	1	7	0	4	0	2		
20	5	0	0	0	2	2	2	1	0	3	2	4	2		
21	2	2	0	7	0	1	5	2	2	0	1	4	2		
22	7	2	1	2	9	2	4	2	8	0	5	6	4		
23	7	6	4	12	6	12	3	6	5	5	2	6	6		
24	4	0	6	4	3	2	2	1	1	0	0	1	2		
25	3	2	0	4	2	2	2	2	5	4	1	0	2		
26	2	1	1	0	3	3	0	3	4	3	6	2	2		
27	3	2	4	4	8	4	5	8	7	7	9	8	6		
28	10	6	5	4	4	5	2	7	6	8	12	1	6		
29	***	***	***	***	***	***	***	0	8	7	2	1	***		
30	2	4	0	2	1	1	2	4	2	5	2	4	2		
31	1	2	0	1	2	2	2	2	4	0	4	2	2		
MEAN	3	3	3	4	5	3	3	3	4	4	4	3	3.5		

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES					UNITS - 0.1 COMS/1000 FT	
STATION - C NO 46025					MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA	
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING		
JAN	31	1.6	3	9		
FEB	29	1.7	4	7		
MAR	31	1.5	3	13		
APR	30	1.9	3	8		
MAY	31	1.2	2	7		
JUN	30	1.6	4	8		
JUL	31	2.0	4	14		
AUG	14	1.3	2	9		
SEP	13	1.7	5	15		
OCT	31	2.1	5	19		
NOV	18	3.4	8	15		
DEC	30	3.5	7	19		
YEAR	319	1.9	8	19		

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 46025

MISSISSAUGA PUBLIC LIBRARY, MISSISSAUGA

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	356	14	0	0	0	0	0	370
FEB	320	27	0	0	0	0	0	347
MAR	353	17	1	0	0	0	0	371
APR	323	34	0	0	0	0	0	357
MAY	362	9	0	0	0	0	0	371
JUN	337	22	0	0	0	0	0	359
JUL	323	46	1	0	0	0	0	370
AUG	166	6	0	0	0	0	0	172
SEP	150	11	2	0	0	0	0	163
OCT	310	53	7	1	0	0	0	371
NOV	155	61	4	0	0	0	0	220
DEC	266	84	13	1	0	0	0	364
YEAR	3421	384	28	2	0	0	0	3835

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
87.3	0	0.0	0.0	1.2	1.9	4.2	5.7	7.7	9.3	19	1.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 46033

BRAMALEA FIRE HALL, BRAMALEA

MONTH - JAN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	0	0	2	2	0	3	2	2	2	2	3	2
2	0	0	1	1	2	***	3	1	3	4	3	3	2
3	0	0	0	0	2	4	2	0	0	0	3	2	1
4	0	0	3	0	0	4	2	4	3	0	2	0	2
5	2	2	0	2	0	1	4	2	3	0	3	4	2
6	3	2	0	4	1	2	0	0	2	0	2	2	2
7	4	0	***	***	-	-	-	-	-	-	-	-	*****
8													
9													
10													
11													
12													
13													
14	-	-	-	-	-	-	2	6	1	4	0	5	*****
15	0	0	4	2	0	5	2	2	2	0	4	2	2
16	2	9	2	5	4	2	***	0	3	4	4	0	3
17	0	0	2	7	7	15	5	4	6	7	0	1	5
18	1	1	0	7	6	1	4	0	5	2	0	4	3
19	0	1	0	2	0	0	2	0	4	0	2	2	1
20	0	0	0	0	2	0	2	2	2	0	2	1	1
21	0	1	0	2	2	0	0	0	5	2	2	3	1
22	3	3	2	2	2	0	4	0	2	2	3	0	2
23	2	2	0	0	0	2	2	2	0	6	2	0	2
24	3	0	0	0	0	5	2	3	0	0	0	3	1
25	0	0	5	3	3	2	5	5	3	3	0	2	3
26	1	1	0	2	0	2	0	2	3	2	5	0	2
27	0	2	0	0	0	0	5	0	0	0	0	2	1
28	3	0	2	2	2	0	3	2	2	0	2	0	2
29	3	0	4	2	0	0	0	2	3	3	2	0	2
30	4	0	2	0	0	0	2	0	3	0	1	2	1
31	3	0	0	2	0	0	2	0	2	2	2	2	1
MEAN	2	1	1	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 75.8

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 23.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA													MONTH - FEB 80
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	2	0	3	2	2	0	0	0	7	2	2
2	2	0	1	1	5	0	2	2	3	2	2	0	2
3	3	0	0	2	2	2	2	3	2	0	4	2	2
4	5	0	0	2	2	0	4	0	5	2	0	5	2
5	0	2	3	0	2	***	1	1	2	2	0	5	2
6	3	1	0	3	3	1	0	0	0	5	1	3	2
7	0	0	2	0	3	3	0	2	3	1	2	1	1
8	2	0	2	2	2	2	0	5	2	2	0	1	2
9	0	1	0	0	1	2	2	0	4	1	0	0	1
10	0	0	0	3	1	0	1	1	2	2	0	0	1
11	2	0	2	5	2	0	0	2	0	0	1	4	2
12	1	0	2	0	0	0	2	0	2	0	0	1	1
13	5	1	0	2	2	3	2	0	1	0	0	0	2
14	5	4	2	0	2	5	1	0	0	2	0	0	2
15	2	1	2	3	3	3	0	5	3	2	0	2	1
16	0	5	2	0	0	0	2	0	0	0	0	0	1
17	3	0	2	0	0	0	2	0	0	0	2	2	3
18	2	1	2	0	2	5	7	3	0	2	2	4	3
19	1	6	3	1	1	2	3	2	2	0	8	5	8
20	11	12	4	4	15	4	6	3	13	9	5	5	8
21	5	2	4	5	1	0	2	3	2	0	0	0	2
22	2	2	2	0	0	0	0	1	3	2	2	2	2
23	0	2	5	1	1	0	0	0	2	0	3	3	1
24	3	0	0	0	2	0	0	0	2	0	2	2	1
25	0	0	1	1	2	5	3	2	1	2	0	3	2
26							- DATA INVALID -						
27							- DATA INVALID -						
28							- DATA INVALID -						
29							- DATA INVALID -						
MEAN	2	2	2	1	2	2	2	1	2	1	2	2	1.5

PERCENTAGE OF DATA VALID - 85.9

PERCENTAGE OF DATA INVALID - 14.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT
STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA													MONTH - MAR 80
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA INVALID -						
2							- DATA INVALID -						
3							- DATA INVALID -						
4							- DATA INVALID -						
5							- DATA INVALID -						
6							- DATA INVALID -						
7							- DATA INVALID -						
8							- DATA INVALID -						
9							- DATA INVALID -						
10							- DATA INVALID -						
11							- DATA INVALID -						
12							- DATA INVALID -						
13							- DATA INVALID -						
14							- DATA INVALID -						
15							- DATA INVALID -						
16							- DATA INVALID -						
17						0	- DATA INVALID -						
18	****	****	****	****	****	0	0	5	0	0	5	2	*****
19	4	9	2	9	7	0	2	5	2	2	4	9	5
20	6	10	12	15	7	2	0	5	3	6	8	6	7
21	4	5	0	2	3	2	0	2	2	3	5	0	2
22	1	2	2	2	2	1	1	3	0	2	2	4	2
23	1	2	0	0	2	2	4	2	0	2	1	2	2
24	2	1	3	6	5	2	3	2	2	8	2	0	3
25	0	0	0	3	0	0	2	1	0	3	0	2	1
26	0	0	0	2	0	1	5	0	4	1	2	2	1
27	2	3	0	4	5	2	2	5	2	0	2	5	3
28	2	3	0	5	1	3	0	5	5	2	2	0	3
29	2	4	0	2	0	2	3	1	3	0	6	1	2
30	0	2	1	0	3	2	0	1	2	4	0	0	1
31	4	1	5	1	1	7	1	2	4	0	1	2	2
MEAN	2	3	2	4	3	2	2	3	2	2	3	3	2.5

PERCENTAGE OF DATA VALID - 43.8

PERCENTAGE OF DATA INVALID - 56.2

PERCENTAGE OF DATA UNAVAILABLE - *****

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA													MONTH - APR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	5	0	0	4	2	1	2	1	2	6	2	2
2	4	2	2	2	3	5	1	3	2	2	2	0	2	2
3	2	2	1	3	5	3	3	1	1	3	2	1	2	1
4	2	0	2	0	0	2	2	2	2	1	0	0	2	2
5	0	2	2	0	3	0	2	2	0	5	1	0	1	1
6	2	2	3	5	3	2	0	4	2	0	2	3	2	2
7	0	4	1	3	7	2	1	7	3	3	5	3	3	3
8	2	5	2	1	4	3	3	3	3	5	8	4	4	4
9	3	2	3	4	13	5	3	3	3	6	7	3	5	5
10	2	2	0	2	1	4	2	5	4	2	3	2	2	2
11	2	2	2	2	2	3	0	5	2	3	3	4	2	2
12	3	6	4	4	8	6	2	0	0	4	2	1	3	3
13	0	2	2	2	3	0	2	2	0	2	1	3	2	2
14	0	0	2	2	2	2	0	3	4	7	2	4	2	2
15	8	2	2	0	0	2	2	1	3	5	1	1	2	2
16	3	0	0	4	4	0	1	1	4	4	0	2	2	2
17	3	1	2	7	5	3	7	0	0	7	2	3	3	3
18	5	3	3	4	2	0	0	2	0	5	2	3	2	2
19	0	1	6	2	6	5	5	1	4	4	4	7	4	4
20	2	2	1	4	2	0	2	2	4	2	3	0	2	2
21	3	2	1	4	4	0	4	4	2	2	2	0	2	2
22	4	0	2	5	2	5	4	3	1	0	2	2	3	3
23	1	2	3	2	6	1	3	5	1	2	2	3	3	3
24	0	2	2	3	2	3	2	5	5	5	2	2	3	3
25	2	2	1	6	3	1	0	3	2	2	0	4	2	2
26	3	2	4	1	4	0	2	3	6	4	5	2	3	3
27	1	2	0	3	2	1	0	2	2	0	1	1	1	1
28	0	2	2	5	6	3	2	0	2	0	4	0	2	2
29	1	3	1	3	1	5	***	***	***	***	***	***	***	***
30	4	2	0	4	2	2	0	5	2	5	5	2	3	3
MEAN	2	2	2	3	4	2	2	3	2	3	3	2	2.5	2.5

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA													MONTH - MAY 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	2	0	0	0	2	1	0	0	2	0	0	1	1
2	0	1	0	2	3	0	0	2	2	0	0	1	1	1
3	0	0	0	4	2	4	2	0	2	0	0	0	1	1
4	0	2	2	0	0	3	2	1	3	2	0	0	1	1
5	5	0	0	3	0	2	2	2	2	2	3	1	2	2
6	0	0	0	2	2	0	1	2	0	0	0	2	1	1
7	3	0	0	0	0	0	0	2	0	0	0	2	1	1
8	1	0	0	2	0	0	0	2	2	1	0	0	1	1
9	0	1	0	0	0	0	0	0	2	0	0	0	0	0
10	4	2	2	0	1	2	0	0	2	0	0	0	1	1
11	3	0	0	2	1	2	0	0	1	0	2	2	1	1
12	0	2	6	6	1	0	3	2	3	0	2	0	2	2
13	0	2	1	0	4	5	3	2	1	0	0	2	2	2
14	3	0	2	0	0	1	0	2	0	2	0	0	1	1
15	1	0	2	2	0	1	0	0	0	0	5	2	1	1
16	1	3	0	2	4	2	2	2	2	2	1	6	2	2
17	2	0	2	2	6	1	3	0	2	3	0	2	2	2
18	0	2	0	1	0	5	3	3	0	2	1	1	2	2
19	1	1	0	3	0	1	0	2	0	0	2	2	1	1
20	2	0	5	3	1	2	0	2	0	0	1	2	2	2
21	3	2	0	3	2	3	1	2	2	2	3	1	2	2
22	2	0	0	0	0	1	1	1	0	2	3	2	1	1
23	3	1	2	2	6	5	1	0	2	2	2	3	2	2
24	2	0	2	2	1	1	2	1	0	3	0	0	1	1
25	3	0	0	2	3	5	0	2	0	2	0	2	2	2
26	0	2	0	0	2	0	0	2	1	1	1	3	1	1
27	0	2	2	0	2	1	2	1	0	1	0	0	1	1
28	1	4	1	2	5	8	7	2	0	1	0	0	3	3
29	1	2	0	0	0	10	2	1	1	2	2	0	2	2
30	0	0	0	0	***	6	10	5	2	2	2	3	3	3
31	0	3	0	2	0	1	0	0	0	0	0	0	1	1
MEAN	1	1	1	2	2	2	2	1	1	1	1	1	1.4	1.4

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA

MONTH - JUN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	0	3	1	0	0	2	0	0	2	0	1
2	0	0	0	2	2	5	0	0	2	2	2	2	1
3	2	0	0	4	2	2	2	1	2	0	0	0	1
4	0	0	0	0	5	0	0	0	0	0	0	0	1
5	1	2	0	3	1	1	5	4	1	2	1	2	2
6	7	8	0	3	2	7	3	9	4	2	1	4	4
7	0	0	6	1	1	0	6	5	2	2	3	2	2
8	1	0	3	3	1	0	0	2	0	0	0	2	1
9	0	3	0	3	2	0	0	0	0	0	1	3	1
10	0	0	0	3	3	0	3	0	2	0	0	2	1
11	2	1	2	2	4	0	1	2	2	0	0	5	2
12	2	3	0	3	3	0	2	2	3	1	1	1	2
13	6	6	3	2	2	1	2	1	1	2	4	2	3
14	9	5	11	6	2	2	0	2	0	2	2	3	4
15	0	0	1	1	3	2	0	2	1	0	6	2	2
16	2	2	2	2	1	2	-	-	-	-	-	-	*****
17	-	-	-	-	-	-	0	0	6	2	0	3	*****
18	2	2	2	2	6	1	9	1	4	3	0	0	3
19	0	0	3	10	8	7	9	8	6	9	0	0	5
20	5	0	0	0	2	2	0	2	1	3	2	3	1
21	0	0	4	1	0	3	2	0	2	5	1	2	2
22	4	2	2	2	2	2	5	3	5	0	6	0	3
23	5	6	5	12	2	7	5	5	1	2	2	10	5
24	0	5	13	23	8	3	4	10	12	8	9	5	8
25	1	7	6	12	5	2	6	4	11	6	2	4	6
26	4	5	5	6	4	4	6	4	2	4	7	0	4
27	2	2	4	6	0	2	1	3	0	2	2	2	2
28	0	1	3	0	0	2	2	2	6	0	0	4	2
29	0	2	2	2	2	2	3	2	2	1	1	0	2
30	1	2	2	0	2	0	4	1	0	3	1	0	.
MEAN	2	2	3	4	3	2	3	3	3	2	2	2	2.5

PERCENTAGE OF DATA VALID - 96.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 3.3

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA

MONTH - JUL 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	0	4	2	1	2	0	1	2	4	8	2	3
2	3	2	3	2	2	1	2	3	1	2	0	1	2
3	2	0	3	2	1	2	1	0	3	4	4	4	2
4	1	1	6	1	0	4	6	6	6	12	4	14	5
5	5	10	7	13	3	4	3	1	3	0	2	0	4
6	2	0	0	2	0	0	2	2	0	3	2	3	1
7	0	2	0	7	2	2	2	2	2	0	0	5	2
8	1	5	8	0	2	4	2	2	0	2	2	1	2
9	0	5	2	2	14	3	2	0	1	2	3	6	3
10	5	2	7	6	4	7	2	7	2	6	2	7	5
11	2	1	2	2	1	2	3	2	0	2	2	1	2
12	2	0	0	1	0	6	0	2	0	0	2	0	2
13	0	2	0	0	2	2	2	1	1	0	5	5	2
14	1	1	0	7	2	0	2	4	2	6	3	6	3
15	2	4	4	12	6	10	7	2	2	0	4	0	3
16	0	2	6	2	2	2	2	0	6	4	6	2	2
17	3	6	1	1	2	1	0	0	1	0	2	2	4
18	4	1	0	5	6	14	2	5	2	6	0	2	3
19	5	0	3	2	2	2	0	8	2	6	0	4	4
20	4	0	4	8	3	6	5	4	0	5	4	4	4
21	0	5	2	4	1	1	0	2	0	2	0	0	1
22	5	1	4	4	3	0	2	2	0	2	0	0	2
23	0	1	2	1	3	2	0	0	2	2	2	3	1
24	2	0	1	2	2	0	4	0	3	0	4	5	2
25	2	0	2	1	3	2	3	3	2	4	4	8	4
26	2	5	2	6	4	3	3	5	0	6	1	4	3
27	4	4	5	2	0	2	7	6	0	0	2	2	3
28	2	2	2	8	5	1	2	0	2	7	4	2	3
29	2	1	1	3	***	0	0	3	2	2	2	0	2
30	2	1	4	3	***	0	0	3	2	2	2	0	2
31	1	2	0	7	5	2	3	7	2	6	2	2	3
MEAN	2	2	3	4	3	3	2	3	2	3	3	3	2.7

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 48033

BRAMALEA FIRE HALL, BRAMALEA

MONTH - AUG 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	6	5	3	3	3	0	1	4	2	2
2	1	2	0	2	1	0	2	0	1	1	0	0	1
3	0	1	0	0	0	0	2	1	2	0	0	0	1
4	0	1	0	0	0	3	0	2	0	0	2	2	1
5	1	5	2	7	10	4	2	5	4	1	2	0	4
6	1	2	0	1	1	2	6	1	2	4	2	1	2
7	5	2	4	8	2	2	0	2	3	2	0	2	3
8	1	3	9	5	0	0	2	2	2	2	0	2	1
9	0	0	0	1	0	2	1	0	2	0	0	0	1
10	0	2	2	0	0	0	0	0	1	2	0	0	1
11	0	0	0	2	4	0	2	4	0	3	2	0	1
12	0	0	0	2	1	0	1	1	2	0	0	0	1
13	0	1	5	1	2	1	0	1	5	0	0	2	2
14	4	5	5	8	2	2	0	2	2	0	2	1	3
15	1	1	1	0	3	1	0	0	0	1	1	2	1
16	0	0	0	0	1	2	5	1	0	1	1	0	1
17	2	1	0	1	0	2	2	0	0	2	0	0	1
18	1	1	1	1	4	6	5	3	4	2	2	4	3
19	2	2	2	2	1	0	0	2	2	0	6	1	2
20	0	1	2	2	7	3	4	4	4	2	2	2	3
21	5	4	0	2	2	5	3	2	2	2	1	6	3
22	3	3	2	2	8	6	***	2	9	8	5	2	5
23	3	1	0	2	1	0	2	4	0	0	1	0	1
24	2	1	2	0	0	1	0	2	0	0	1	5	1
25	2	2	3	8	2	0	2	2	1	3	5	4	3
26	1	2	2	1	6	0	5	1	0	3	1	7	2
27	7	2	7	3	3	3	0	6	8	2	6	4	4
28	0	0	2	0	2	4	2	7	5	2	2	0	2
29	4	7	1	9	2	2	6	7	2	2	3	9	5
30	0	2	1	2	2	4	2	2	2	2	3	1	2
31	4	5	2	1	1	2	6	1	1	4	2	1	3
MEAN	2	2	2	3	2	2	2	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 48033

BRAMALEA FIRE HALL, BRAMALEA

MONTH - SEP 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	5	2	0	5	2	4	2	7	4	2	3
2	0	0	1	9	9	7	4	2	1	2	2	1	3
3	0	2	2	2	2	1	0	2	2	3	5	5	2
4	4	0	1	10	6	2	4	3	9	2	10	7	5
5	3	2	0	4	4	4	1	2	4	0	2	1	2
6	2	3	4	0	4	1	0	0	2	1	2	0	2
7	0	0	0	0	0	1	0	1	0	4	0	2	1
8	0	2	0	8	3	4	0	7	6	12	1	4	4
9	3	7	6	13	4	2	6	4	0	3	1	1	4
10	1	2	2	2	1	2	2	1	1	4	1	2	2
11	2	2	5	2	1	3	1	5	0	2	2	3	2
12	0	0	4	0	4	0	2	5	7	0	1	2	2
13	2	2	2	2	2	2	6	2	3	2	2	7	3
14	2	4	6	1	4	2	1	0	1	0	2	0	2
15	1	0	3	2	0	0	1	6	3	0	1	2	2
16	2	6	6	9	6	9	7	6	4	3	6	5	6
17	6	4	1	2	6	0	0	7	0	0	2	3	3
18	0	1	2	7	1	1	0	4	2	3	2	2	2
19	0	6	4	0	3	0	0	2	2	5	4	4	3
20	4	6	1	2	2	3	5	2	1	6	3	2	3
21	1	0	1	2	1	4	0	2	0	3	2	0	1
22	0	0	0	5	0	0	2	7	3	3	0	2	2
23	0	2	1	2	0	2	0	2	0	0	2	0	1
24	2	2	0	7	2	5	2	7	1	2	10	2	4
25	2	0	2	4	8	5	7	***	4	7	2	2	4
26	1	0	0	0	0	0	2	0	4	0	2	0	1
27	1	2	2	2	0	0	1	2	2	0	2	0	1
28	0	0	0	2	1	0	0	2	0	0	1	0	1
29	2	0	5	3	5	0	2	2	3	2	3	2	2
30	7	3	11	13	2	1	1	3	0	1	9	2	4
MEAN	2	2	3	4	3	2	2	3	2	3	3	2	2.5

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 46033				BRAMALEA FIRE HALL, BRAMALEA				MONTH - OCT 80					
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	5	7	2	0	7	2	4	1	0	3	1	3
2	0	4	1	0	1	0	2	3	2	2	0	4	2
3	0	2	7	2	0	5	2	2	3	1	2	2	2
4	2	2	2	2	2	2	0	0	0	3	2	2	2
5	0	0	0	0	0	0	0	0	0	0	0	2	0
6	2	0	2	3	2	1	2	4	0	0	2	2	2
7	2	2	2	10	2	2	1	2	4	4	2	0	3
8	2	5	2	7	1	2	1	2	3	0	2	0	2
9	2	0	1	1	2	1	2	0	2	0	0	1	1
10	0	3	0	5	7	4	2	1	2	4	2	7	3
11	5	3	2	3	3	0	3	2	0	2	0	0	2
12	2	2	1	2	0	2	1	5	0	2	1	0	2
13	2	3	0	0	0	0	0	0	0	0	0	0	0
14	0	2	1	2	2	1	0	0	2	2	2	0	1
15	0	2	2	2	3	3	4	1	3	1	3	1	2
16	2	0	3	2	3	7	7	11	7	4	5	3	5
17	11	2	3	11	3	7	5	7	2	0	2	0	4
18	2	0	0	0	0	0	1	0	3	0	0	0	1
19	2	0	0	2	0	0	0	2	2	2	0	0	1
20	2	0	1	2	0	2	1	0	2	1	2	2	1
21	0	1	2	4	2	1	0	1	0	0	1	0	1
22	0	2	0	0	0	0	2	0	0	0	0	2	1
23	0	0	2	2	2	2	0	2	2	3	2	2	2
24	2	2	2	2	3	1	2	1	4	2	3	1	2
25	0	0	3	2	1	2	2	2	2	2	2	2	2
26	0	0	0	0	0	2	2	2	0	2	2	0	1
27	2	0	2	2	2	2	2	0	2	2	3	2	2
28	4	0	0	2	5	0	1	0	2	2	2	2	2
29	2	0	2	0	2	1	2	2	2	1	0	0	1
30	2	2	2	0	2	0	3	2	1	0	0	2	1
31	0	2	2	2	2	3	0	2	0	0	0	2	1
MEAN	2	1	2	2	2	2	2	2	2	1	1	1	1.7

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 46033				BRAMALEA FIRE HALL, BRAMALEA					MONTH - NOV 80				
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	3	0	2	1	2	0	0	0	1	0	
2	0	0	1	0	2	3	0	0	0	0	2	3	
3	2	3	2	2	2	3	2	3	3	7	3	2	
4	0	2	2	2	0	2	-	2	0	2	0	0	
5	0	7	0	0	3	2	0	0	2	0	0	0	
6	0	0	0	0	0	2	0	0	0	3	0	0	
7	2	2	0	0	7	7	0	12	12	2	0	0	
8	5	0	0	0	0	0	3	0	0	5	0	0	
9	2	0	2	5	2	3	0	2	0	3	0	0	
10	0	0	0	0	2	2	2	0	2	0	2	0	
11	0	2	2	0	3	2	0	0	0	0	0	3	
12	2	0	0	2	0	5	0	2	3	2	3	0	
13	3	3	0	5	7	3	0	7	0	4	2	0	
14	2	2	0	0	2	0	0	2	2	0	2	2	
15	3	0	0	0	0	0	2	0	3	0	2	7	
16	0	0	0	0	2	0	0	0	2	5	4	5	
17	4	0	3	0	5	0	0	3	0	2	2	0	
18	0	7	2	0	0	0	0	2	0	3	0	0	
19	2	0	0	2	0	0	0	5	0	2	0	2	
20	0	0	2	2	3	5	4	0	2	0	0	2	
21	1	2	1	3	2	2	0	2	0	2	0	0	
22	0	0	0	2	2	0	2	0	0	0	0	0	
23	2	0	2	2	2	1	3	2	5	2	1	5	
24	0	2	0	3	5	0	0	2	0	0	2	0	
25	0	0	0	0	0	0	0	0	4	5	2	2	
26	2	0	2	3	2	0	0	0	3	2	0	0	
27	3	0	2	0	2	0	0	3	3	2	0	0	
28	0	2	0	9	7	2	***	0	0	0	0	2	
29	2	0	0	2	3	0	0	0	0	0	2	0	
30	0	3	0	2	0	0	0	2	0	0	2	0	
MEAN	1	1	1	2	2	2	1	2	2	2	1	1	1.4

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COMS/1000 FT	
STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA														MONTH - DEC 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	0	5	1	0	3	0	0	5	0	0	3			
2	3	0	0	5	2	5	5	4	5	2	0	7	3		
3	5	6	0	0	0	0	0	3	0	0	2	0	1		
4	4	0	0	5	0	0	2	0	7	3	2	3	2		
5	0	2	0	7	3	3	2	0	9	2	14	5	4		
6	2	0	3	0	5	3	0	5	0	2	2	4	2		
7	5	3	2	0	3	0	2	4	7	2	9	7	4		
8	3	3	3	5	17	9	2	0	1	0	0	***	4		
9							- DATA INVALID -								
10	****	****	****	****	****	****	****	0	2	0	2	0	*****		
11	0	9	0	2	2	2	0	0	2	2	0	0	2		
12	3	2	0	2	0	2	1	5	3	2	4	3	2		
13	0	0	0	3	0	2	0	2	0	3	2	2	1		
14	2	0	0	0	0	3	0	0	2	2	0	2	1		
15	2	0	0	5	3	5	3	0	5	0	0	2	2		
16	0	0	3	0	2	0	2	3	3	3	0	3	2		
17	0	0	2	3	0	2	0	2	0	0	0	0	1		
18	3	0	2	3	0	1	0	0	3	2	0	0	1		
19	0	0	0	0	0	***	3	0	2	2	0	2	1		
20	0	3	3	0	5	2	0	0	1	3	0	0	1		
21	2	2	0	2	0	0	2	0	2	0	4	0	1		
22	0	0	0	5	0	2	5	2	7	2	3	0	2		
23	7	3	2	9	13	4	3	2	0	2	2	2	4		
24	3	0	5	3	2	0	0	0	1	0	0	0	1		
25	2	0	0	0	0	3	0	0	0	5	5	0	1		
26	0	0	0	0	0	0	0	2	2	0	2	7	1		
27	0	2	5	0	2	2	3	3	0	2	7	2	2		
28							- DATA INVALID -								
29	****	****	****	****	****	****	****	2	0	0	0	0	*****		
30	2	0	0	0	0	0	0	0	0	2	0	0	0		
31	2	0	0	2	3	2	2	0	0	0	2	0	.		
MEAN	2	1	1	2	2	2	1	1	2	1	2	2	1.8		

PERCENTAGE OF DATA VALID - 89.2

PERCENTAGE OF DATA INVALID - 10.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 46033 BRAMALEA FIRE HALL, BRAMALEA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	23	1.8	5	15
FEB	25	1.8	8	15
MAR	13	2.5	7	15
APR	29	2.5	5	13
MAY	31	1.4	3	10
JUN	28	2.5	8	23
JUL	31	2.7	5	14
AUG	31	2.0	5	10
SEP	30	2.5	6	13
OCT	31	1.7	5	11
NOV	30	1.4	4	12
DEC	27	1.8	4	17
YEAR	329	2.0	6	23

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46033

BRAMALEA FIRE HALL, BRAMALEA

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	260	21	1	0	0	0	0	282
FEB	268	27	4	0	0	0	0	299
MAR	132	29	2	0	0	0	0	163
APR	303	50	1	0	0	0	0	354
MAY	351	20	0	0	0	0	0	371
JUN	285	56	6	0	1	0	0	348
JUL	299	66	6	0	0	0	0	371
AUG	322	49	0	0	0	0	0	371
SEP	296	59	4	0	0	0	0	359
OCT	347	22	3	0	0	0	0	372
NOV	330	26	2	0	0	0	0	358
DEC	290	39	2	1	0	0	0	332
YEAR	3483	464	31	1	1	0	0	3980

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
90.6	0	0.0	0.0	1.2	1.9	4.5	5.9	7.8	9.5	23	2.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46100

PUBLIC SCHOOL GREEN GLADE RD. MISSISSAUGA

MONTH - JAN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	3	0	0	3	0	1	3	2	3	0	2
2	2	4	1	2	2	5	2	0	2	0	3	0	2
3	2	2	0	1	2	2	2	0	2	4	8	5	3
4	2	3	3	2	10	2	***	2	0	0	0	2	2
5	2	0	3	0	0	1	1	3	2	3	2	3	2
6	5	4	1	2	0	0	2	0	1	2	1	0	1
7	0	2	1	0	0	0	0	0	2	2	3	1	1
8	3	0	0	2	1	0	0	3	3	1	0	0	1
9	3	1	2	2	3	1	0	2	0	0	0	3	1
10	2	0	2	2	3	0	0	0	0	0	0	0	1
11	2	0	2	1	3	0	2	1	0	1	0	4	1
12	2	0	0	0	2	0	0	1	2	0	2	2	1
13	1	3	1	1	2	3	1	0	2	1	0	1	1
14	2	2	4	2	3	3	2	3	2	3	2	4	3
15	3	1	4	2	7	3	2	1	0	2	0	1	0
16	0	2	0	0	0	0	0	0	0	2	0	0	2
17	0	1	3	1	0	1	3	0	4	1	3	2	1
18	3	1	0	2	2	0	2	0	0	2	1	0	1
19	3	1	0	0	0	0	2	0	2	0	2	0	1
20	2	0	0	0	0	0	1	0	2	1	2	0	1
21	3	1	2	0	2	1	2	2	2	2	3	3	2
22	0	0	2	1	3	4	1	3	1	2	0	1	2
23	0	0	1	1	0	0	0	0	0	0	0	0	0
24	2	0	0	0	0	3	1	2	1	0	2	2	1
25	2	2	5	2	5	3	1	2	0	1	2	0	1
26	2	1	1	2	0	1	0	2	2	1	1	2	1
27	0	0	0	2	0	0	0	0	2	0	2	0	1
28	1	2	1	2	3	0	0	2	3	2	1	2	2
29	2	3	1	2	2	0	***	7	0	0	0	3	1
30	0	2	1	2	0	0	2	0	0	0	0	0	1
31	1	0	0	1	1	0	0	2	0	0	0	1	1
MEAN	2	1	1	1	2	1	1	1	1	1	2	1	1.4

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46100 PUBLIC SCHOOL GREEN GLADE RD. MISSISSAUGA													MONTH - FEB 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	1	2	2	1	3	0	0	1	3	1	1
2	1	0	0	2	3	1	0	0	1	3	3	1	1	1
3	3	1	1	0	0	0	0	0	2	1	0	2	1	1
4	1	0	0	4	2	2	1	1	1	2	1	0	1	1
5	2	2	2	2	2	0	2	1	0	6	3	1	2	2
6	2	0	6	2	1	2	0	2	0	3	1	5	2	2
7	4	3	2	1	3	4	1	0	2	1	0	4	2	2
8	0	2	0	2	2	0	0	2	4	2	1	3	1	1
9	0	1	2	0	0	0	0	0	2	2	0	0	1	1
10	2	1	1	2	0	0	1	0	2	2	2	0	1	1
11	2	1	2	2	2	2	2	0	0	5	6	2	2	2
12	1	2	2	2	3	1	1	0	1	1	2	2	1	1
13	1	2	2	2	0	2	4	1	2	1	2	2	2	2
14	0	1	1	3	2	0	0	3	1	2	2	2	2	2
15	1	1	1	0	3	2	2	0	2	0	2	2	2	2
16	5	1	1	1	2	1	1	0	2	2	2	0	1	1
17	0	1	5	1	2	2	2	2	0	0	2	2	2	2
18	1	0	3	2	2	1	0	0	2	2	0	1	1	1
19	2	3	1	5	3	3	3	4	7	5	4	2	1	1
20	5	2	2	5	2	1	2	3	4	6	6	7	4	4
21	1	2	2	5	2	5	3	3	2	1	0	3	2	2
22	1	0	0	1	1	2	0	0	1	6	0	3	1	1
23	0	0	0	2	2	2	0	0	2	0	0	2	1	1
24	2	2	0	1	2	0	2	0	1	0	2	0	1	1
25	0	2	0	0	0	3	0	0	2	1	1	1	1	1
26	0	0	0	0	0	1	2	0	2	0	1	1	1	1
27	0	0	0	3	3	2	2	0	1	0	0	0	1	1
28	0	3	1	0	2	1	0	1	1	0	0	1	1	1
29	1	0	0	2	1	2	2	5	1	1	3	1	2	2
MEAN	1	1	1	2	2	2	1	1	2	2	2	2	1.5	1.5

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46100 PUBLIC SCHOOL GREEN GLADE RD. MISSISSAUGA													MONTH - MAR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	1	2	2	0	2	0	0	2	1	1	1	1
2	1	1	0	2	0	0	0	0	1	2	2	0	1	1
3	2	2	4	2	3	1	3	1	2	0	2	2	2	2
4	1	2	2	2	0	2	***	2	0	2	2	0	1	1
5	1	3	2	3	4	5	6	2	0	1	3	3	3	3
6	2	0	2	2	1	0	0	0	1	2	5	3	2	2
7	3	3	2	3	3	2	1	4	2	3	1	2	2	2
8	1	3	1	2	1	2	2	2	2	0	3	1	2	2
9	2	2	2	2	2	2	2	0	2	2	1	2	2	2
10	1	2	2	0	2	2	3	3	1	1	0	1	2	2
11	0	1	0	2	1	0	1	2	2	1	0	1	1	1
12	0	0	0	2	0	0	1	1	1	0	0	1	1	1
13	1	2	1	0	2	0	2	1	1	2	0	1	1	1
14	2	0	0	2	2	2	1	0	3	1	2	0	1	1
15	1	1	0	0	0	2	2	0	0	0	2	0	1	1
16	5	4	0	0	2	2	0	0	0	1	2	3	1	1
17	0	0	3	4	6	6	2	3	2	3	1	0	1	1
18	2	0	1	1	0	0	0	2	2	0	0	0	2	2
19	2	2	2	2	1	0	2	3	0	2	2	2	1	1
20	3	2	1	4	4	2	2	0	0	2	2	2	2	2
21	0	2	4	0	3	2	0	2	3	1	0	1	2	2
22	2	0	1	2	0	2	2	0	1	1	5	1	1	1
23	1	2	0	0	0	1	3	0	0	2	0	0	1	1
24	0	2	2	2	0	1	0	0	2	0	2	2	1	1
25	0	1	1	0	1	2	***	0	3	1	1	0	1	1
26	3	3	2	2	0	2	3	2	2	2	4	0	2	2
27	5	3	3	4	4	3	1	4	0	1	1	0	2	2
28	5	4	1	3	4	2	3	2	2	4	2	2	3	3
29	4	5	0	1	2	1	3	2	3	3	2	2	2	2
30	0	2	2	3	1	2	2	2	2	3	0	0	2	2
31	3	0	1	2	2	0	2	1	0	0	0	3	1	1
MEAN	2	2	1	2	2	2	2	1	1	1	2	1	1.5	1.5

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 46100 PUBLIC SCHOOL GREEN GLADE RD. MISSISSAUGA													MONTH - APR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	2	2	1	6	2	3	2	2	3	6	3	
2	8	3	2	2	2	0	2	2	4	2	2	0	2	
3	0	2	1	4	2	1	3	0	2	2	0	2	1	
4	0	2	1	0	3	2	2	0	0	2	4	1	1	
5	0	1	1	2	2	2	0	0	2	2	3	3	2	
6	2	2	2	2	2	2	0	1	2	5	2	0	1	
7	0	0	1	0	4	0	0	2	0	0	0	0	1	
8	0	1	2	0	1	2	2	1	1	0	2	0	1	
9	1	2	2	0	0	3	1	2	2	1	2	2	2	
10	0	3	0	0	3	2	4	2	2	1	2	2	2	
11	1	0	0	2	2	***	***	***	3	3	2	2	2	
12	2	5	7	2	0	4	2	2	5	1	0	0	3	
13	1	0	0	2	5	1	0	0	0	3	3	1	1	
14	0	0	2	2	2	0	0	2	0	3	0	2	1	
15	2	0	0	2	0	1	3	0	2	1	2	2	1	
16	2	3	0	0	2	2	2	2	2	2	2	1	2	
17	1	2	3	3	5	1	3	0	3	2	5	1	2	
18	1	2	3	0	3	3	2	***	2	5	1	3	2	
19	1	2	3	5	4	3	1	3	3	2	5	6	3	
20	3	2	0	0	7	2	2	4	1	1	1	4	2	
21	2	2	0	2	0	1	0	2	3	0	3	3	2	
22	2	2	3	3	2	0	3	0	0	0	1	0	1	
23	0	2	2	3	1	2	0	2	2	2	0	2	2	
24	0	3	3	0	0	3	0	2	4	2	2	0	2	
25	2	0	3	2	5	1	2	0	2	0	3	0	2	
26	4	3	2	3	3	1	3	2	0	2	3	3	2	
27	2	2	0	0	2	3	3	2	0	0	0	0	1	
28	5	2	2	0	0	2	2	0	2	0	1	0	1	
29	2	2	2	0	0	0	2	3	0	1	0	2	1	
30	2	2	4	2	0	2	0	0	4	1	6	2	2	
MEAN	2	2	2	2	2	2	2	1	2	2	2	2	1.7	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 46100 PUBLIC SCHOOL GREEN GLADE RD. MISSISSAUGA													MONTH - MAY 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	0	3	0	7	3	2	3	2	2	4	2	3	
2	1	1	1	0	5	2	2	3	5	3	2	2	2	
3	2	1	0	2	2	2	4	2	3	3	1	3	2	
4	0	1	5	1	0	2	1	0	2	2	0	3	1	
5	3	2	3	2	2	3	***	-	-	-	-	-	*****	
6							-	-	-	-	-	-	-	
7							-	-	-	-	-	-	-	
8							-	-	-	-	-	-	-	
9							-	-	-	-	-	-	-	
10							-	-	-	-	-	-	-	
11							-	-	-	-	-	-	-	
12							-	-	-	-	-	-	-	
13							-	-	-	-	-	-	-	
14							-	-	-	-	-	-	-	
15							-	-	-	-	-	-	-	
16							-	-	-	-	-	-	-	
17							-	-	-	-	-	-	-	
18							-	-	-	-	-	-	-	
19							-	-	-	-	-	-	-	
20							-	-	-	-	-	-	-	
21							-	-	-	-	-	-	-	
22							-	-	-	-	-	-	-	
23							-	-	-	-	-	-	-	
24	3	4	0	4	2	3	1	2	3	3	0	0	2	
25	3	2	2	5	0	1	2	0	2	0	0	0	1	
26	1	0	0	3	2	0	1	0	0	0	0	3	1	
27	2	0	0	2	2	2	2	0	1	1	0	4	2	
28	2	0	0	3	2	3	1	0	2	2	0	1	1	
29	5	1	4	0	0	0	0	0	0	1	1	0	2	
30	2	0	4	3	0	2	1	0	1	5	2	0	2	
31	3	1	2	2	0	3	2	0	0	0	0	1	1	
MEAN	2	1	2	2	2	2	2	1	2	2	1	2	1.7	

PERCENTAGE OF DATA VALID - 41.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 58.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 48100 PUBLIC SCHOOL GREEN GLADE RD. MISSISSAUGA

MONTH - JUN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	0	0	0	0	4	0	2	0	1	1	1
2	1	0	0	2	0	2	2	1	2	4	2	3	2
3	5	0	0	2	2	2	0	0	1	1	0	1	1
4	2	0	0	2	0	0	2	0	0	2	2	2	1
5	0	0	2	2	1	2	1	1	2	2	2	2	1
6	2	0	2	2	2	1	0	0	3	4	2	0	2
7	1	0	2	0	0	0	0	0	1	0	1	0	1
8	3	1	0	0	0	0	0	0	2	0	0	1	1
9	2	1	2	1	2	0	1	0	1	0	1	1	1
10	0	1	0	0	1	1	1	0	0	0	0	0	0
11	1	2	2	2	2	2	0	0	1	0	2	0	2
12	2	2	4	3	2	0	2	2	0	2	5	0	2
13	2	2	3	2	0	1	***	3	0	4	5	1	2
14	4	2	4	3	4	1	3	2	0	2	6	1	3
15	4	4	1	2	3	2	0	0	0	0	2	0	2
16	0	0	2	0	1	0	0	2	0	1	2	0	1
17	3	0	2	2	0	3	2	0	2	1	2	2	2
18	0	1	0	0	1	2	1	2	4	0	2	4	1
19	0	3	2	0	2	1	0	2	5	0	1	0	1
20	0	0	1	2	0	3	2	0	4	2	1	5	2
21	0	2	1	0	1	1	0	2	0	0	0	3	1
22	1	1	2	1	2	1	3	5	2	1	1	2	2
23	0	4	1	0	1	0	2	5	0	0	2	1	1
24	4	4	4	7	4	2	6	2	2	5	2	3	4
25	4	2	2	4	2	2	2	1	6	4	0	2	3
26	4	2	1	5	5	1	3	2	2	4	1	2	3
27	2	2	2	4	3	0	0	0	0	1	0	0	1
28	2	0	0	3	0	0	1	0	0	2	0	1	1
29	0	0	0	0	1	0	2	0	0	3	0	0	1
30	3	1	2	1	0	0	1	0	2	0	0	0	1
MEAN	2	1	1	2	1	1	1	1	1	1	2	2	1.4

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 48100 PUBLIC SCHOOL GREEN GLADE RD. MISSISSAUGA

MONTH - JUL 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	2	0	0	0	2	0	1	2	2	4	1
2	0	2	2	2	0	0	0	0	1	0	0	2	1
3	1	0	0	2	0	0	***	2	2	2	2	4	1
4	4	2	1	3	3	5	0	0	0	3	1	2	2
5	4	3	3	3	3	2	0	0	2	2	0	0	2
6	0	0	0	0	0	0	0	0	0	2	2	1	2
7	1	0	1	6	3	0	0	2	2	2	3	2	1
8	3	2	1	3	2	1	2	0	2	2	0	2	2
9	1	2	0	4	8	0	1	5	0	1	1	2	2
10	4	4	3	3	6	3	2	4	2	6	4	4	4
11	2	5	2	2	3	1	0	1	2	0	2	0	2
12	0	0	0	2	0	0	0	2	0	0	1	0	1
13	0	2	0	0	0	0	2	0	0	2	1	2	1
14	1	0	0	4	1	3	2	2	0	1	3	2	2
15	2	1	2	2	2	2	2	0	0	0	1	1	1
16	3	0	8	2	0	2	2	2	2	3	3	2	2
17	2	0	2	2	2	2	2	2	2	0	2	0	2
18	0	0	0	5	2	2	0	0	0	2	2	0	1
19	0	1	1	2	4	2	2	1	2	2	0	0	1
20	3	8	3	3	1	0	5	2	2	1	1	2	3
21	2	1	2	0	0	2	1	0	2	1	2	0	1
22	0	0	2	6	2	2	0	0	1	3	1	1	2
23	1	2	0	0	2	0	1	1	0	2	3	2	1
24	2	1	1	2	0	4	6	0	3	1	2	2	2
25	1	2	2	2	0	2	***	0	3	4	2	2	2
26	0	0	7	0	0	6	0	1	2	2	2	3	2
27	1	2	2	1	1	0	2	0	2	0	2	1	1
28	0	2	2	2	2	0	2	2	0	3	0	0	1
29	0	3	1	2	4	2	1	0	4	4	2	2	2
30	3	1	0	1	0	0	0	0	0	0	0	3	1
31	1	2	2	5	7	2	0	2	2	1	2	2	2
MEAN	1	2	2	2	2	1	1	1	1	2	2	2	1.6

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CONS/1000 FT	
STATION - C NO 46100 PUBLIC SCHOOL GREEN GLADE RD. MISSISSAUGA													MONTH - AUG 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	6	2	3	8	3	0	2	0	0	2	0	2	
2	1	2	2	1	2	1	1	2	0	0	2	0	1	
3	0	2	0	2	2	2	2	0	2	1	0	0	2	
4	3	0	2	2	1	1	0	0	1	0	0	0	1	
5	0	1	4	4	2	2	2	2	2	2	1	2	1	
6	1	0	2	2	2	0	0	3	3	4	2	0	2	
7	5	3	2	4	3	3	2	0	4	5	0	2	3	
8	3	5	3	4	1	0	3	4	0	0	0	0	1	
9	0	0	2	2	0	0	2	2	0	0	2	3	1	
10	2	0	3	0	0	0	2	2	0	0	2	3	1	
11	2	5	4	7	3	2	4	2	2	2	3	2	3	
12	0	4	0	2	5	5	3	2	2	0	0	0	2	
13	4	2	0	2	2	2	0	5	0	3	0	2	2	
14	5	2	0	0	3	2	5	2	0	5	2	0	2	
15	0	0	0	5	0	2	0	0	0	2	2	0	1	
16	3	0	0	0	0	2	0	2	3	0	0	3	1	
17	0	0	2	4	0	2	0	2	5	0	0	0	1	
18	5	2	0	2	0	3	7	2	2	0	0	5	2	
19	5	3	3	3	4	3	3	3	3	3	9	5	4	
20	8	5	3	5	0	0	0	0	0	3	0	2	2	
21	3	5	2	2	5	2	0	0	0	9	2	0	3	
22	2	9	2	1	0	5	0	0	2	0	2	7	3	
23	5	3	2	0	2	2	3	2	0	0	5	2	2	
24	0	3	2	0	3	1	0	0	0	0	3	7	2	
25	5	3	5	5	7	5	2	3	3	0	7	2	4	
26	0	5	5	2	3	***	2	0	5	3	3	9	3	
27	3	7	3	7	4	2	3	2	3	4	2	7	4	
28	2	0	2	0	0	4	0	0	2	0	3	0	1	
29	0	0	0	0	0	0	3	3	0	0	2	5	1	
30	0	4	5	9	5	0	3	3	0	3	0	2	3	
31	3	9	3	3	2	0	5	5	0	2	7	0	3	
MEAN	2	3	2	3	2	2	2	2	1	2	2	2	2.1	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 CONS/1000 FT	
STATION - C NO 46100 PUBLIC SCHOOL GREEN GLADE RD. MISSISSAUGA													MONTH - SEP 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	2	0	5	3	3	2	2	3	3	0	2	
2	3	3	2	5	1	3	2	0	0	3	5	0	2	
3	2	3	2	2	0	3	3	2	0	0	0	5	2	
4	5	7	9	7	5	3	0	5	3	0	3	0	4	
5	0	2	2	0	3	0	2	3	3	4	0	0	2	
6	1	2	3	3	0	3	0	0	0	0	2	0	1	
7	2	0	0	2	0	3	0	0	0	0	0	3	1	
8	5	0	5	12	7	7	0	2	2	0	2	0	4	
9	9	7	2	13	7	2	2	2	2	0	2	0	2	
10	0	0	3	2	***	-	0	2	0	1	6	1	2	
11	2	2	1	0	2	1	2	0	2	0	0	2	1	
12	0	1	2	2	0	0	1	0	0	2	0	2	1	
13	0	0	0	1	0	1	2	0	2	5	2	2	1	
14	0	0	2	0	3	2	0	0	0	2	0	2	1	
15	2	0	1	4	2	5	0	1	0	2	2	1	2	
16	1	3	4	3	1	2	1	1	3	2	0	2	2	
17	1	1	2	0	3	2	1	0	0	0	0	3	1	
18	2	0	2	5	4	1	0	0	1	0	0	0	1	
19	0	2	2	4	2	0	1	2	2	2	1	0	2	
20	1	3	1	6	4	1	0	5	4	5	2	0	3	
21	2	2	0	1	0	1	0	3	0	3	0	0	1	
22	1	1	0	4	2	1	2	3	2	2	0	0	2	
23	0	0	0	2	0	0	0	2	0	2	1	1	1	
24	4	0	3	2	0	0	0	0	0	0	0	0	1	
25	0	3	3	6	9	4	7	2	2	0	3	3	4	
26	0	3	0	2	2	0	0	2	2	0	2	2	1	
27	2	2	2	0	0	2	0	3	0	0	4	2	2	
28	0	2	2	0	5	0	0	4	1	2	2	1	2	
29	2	0	0	4	1	1	0	0	2	0	7	5	2	
30	5	4	3	13	8	2	***	0	0	3	7	7	5	
MEAN	2	2	2	4	2	2	1	2	1	2	2	2	1.9	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 CONS/1000 FT

STATION - C NO 46100

PUBLIC SCHOOL GREEN GLADE RD. MISSISSAUGA

MONTH - OCT 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	3	3	10	4	4	2	3	2	3	0	2	3
2	2	0	2	2	2	1	0	0	2	3	4	4	2
3	4	0	3	2	2	2	1	2	1	0	1	1	2
4	3	0	2	1	2	0	2	1	0	4	2	0	1
5	1	2	0	2	1	0	1	1	0	2	2	1	1
6	1	0	1	2	1	0	1	0	0	3	2	1	1
7	2	2	3	7	6	2	10	2	3	3	22	0	5
8	3	0	0	0	7	2	1	1	3	6	13	3	3
9	1	0	0	1	4	4	3	2	2	15	2	1	3
10	4	0	0	12	1	0	....	....	....	....	....	....	....
11							- DATA INVALID -						
12							- DATA INVALID -						
13							- DATA INVALID -						
14	....	....	....	....	....	....	2	2	2	0	0	5	.....
15	4	3	0	0	0	1	0	1	3	1	3	2	2
16	5	2	2	5	7	3	2	0	0	2	3	0	3
17	5	2	2	2	2	3	2	9	2	2	3	2	3
18	4	1	2	0	1	0	2	0	5	2	0	0	1
19	0	0	4	0	2	1	2	3	2	2	2	0	2
20	2	4	2	1	0	3	0	2	0	3	0	0	1
21	0	2	0	2	2	2	3	0	0	0	2	0	1
22	0	1	2	2	0	0	0	6	1	0	0	1	1
23	2	0	1	9	0	0	0	2	0	0	2	2	2
24	0	3	0	0	2	2	1	0	2	2	2	0	1
25	1	0	0	1	0	0	0	4	0	2	1	1	1
26	0	0	0	0	0	2	0	0	2	2	2	0	1
27	2	1	0	4	4	0	1	2	1	0	2	3	2
28	5	2	2	2	1	2	0	2	2	0	3	0	2
29	2	2	2	2	2	2	0	0	2	1	3	1	2
30	0	0	0	2	2	0	2	1	1	1	2	2	1
31	2	1	2	2	0	3	0	4	3	2	2	2	2
MEAN	2	1	1	3	2	1	1	2	2	2	3	1	1.8

PERCENTAGE OF DATA VALID - 87.1

PERCENTAGE OF DATA INVALID - 12.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "....." INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "..." INDICATES DATA IS UNAVAILABLE

3. "....." INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 CONS/1000 FT

STATION - C NO 46100

PUBLIC SCHOOL GREEN GLADE RD. MISSISSAUGA

MONTH - NOV 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	1	0	0	1	1	2	0	0	0	3	0	1
2	2	0	1	4	2	0	1	0	0	7	11	9	3
3	5	5	0	0	0	0	1	3	2	0	9	2	2
4	4	2	1	4	2	2	....	3	5	1	1	0	2
5	0	0	2	6	3	0	4	0	2	2	7	4	3
6	1	0	0	4	0	2	0	2	0	1	2	1	1
7	1	0	2	2	3	0	3	1	3	8	1	1	2
8	1	2	0	0	0	1	0	0	2	0	0	2	1
9	0	0	0	0	0	0	2	0	3	0	0	0	0
10	0	2	2	0	1	2	2	0	0	0	0	0	1
11	1	2	1	2	0	0	0	0	1	0	2	4	1
12	2	0	0	2	0	1	3	4	0	3	9	7	3
13	5	5	2	2	4	4	2	4	0	6	5	12	5
14	11	4	3	2	3	0	0	0	1	3	2	3	3
15	0	3	0	0	0	0	4	0	2	2	3	0	1
16	0	0	1	2	2	0	2	2	7	14	13	11	5
17	2	9	8	8	2	2	0	0	1	0	0	1	3
18	4	0	0	1	2	2	0	1	0	0	2	0	1
19	1	1	2	0	2	1	1	3	0	0	5	4	2
20	2	3	6	6	2	4	2	2	7	1	1	8	4
21	4	3	3	7	8	5	2	3	0	0	3	3	3
22	2	1	1	5	2	0	0	2	2	4	4	3	2
23	3	1	2	2	2	3	2	6	9	2	4	5	3
24	6	7	3	5	9	12	5	2	2	2	0	0	4
25	0	0	0	2	0	0	0	....	0	2	2	1	1
26	2	1	2	4	4	2	2	4	4	4	6	10	4
27	12	10	2	1	1	1	5	2	1	2	0	2	3
28	1	1	2	0	2	3	5	2	4	2	5	2	2
29	2	2	2	0	2	1	2	1	2	0	2	2	2
30	1	0	1	4	1	2	2	2	0	2	4	2	2
MEAN	3	2	2	3	2	2	2	2	2	2	4	3	2.3

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "....." INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "..." INDICATES DATA IS UNAVAILABLE

3. "....." INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES										UNITS - 0.1 COMS/1000 FT			
STATION - C NO 46100 PUBLIC SCHOOL GREEN GLADE RD, MISSISSAUGA										MONTH - DEC 80			
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	4	2	7	2	1	4	3	5	5	8	5	4
2	4	2	3	4	2	6	3	5	2	2	2	3	3
3	0	0	1	0	0	1	1	18	0	2	0	3	2
4	2	2	1	3	4	6	2	1	4	5	7	9	4
5	9	5	3	3	12	2	1	2	0	3	12	19	6
6	13	12	9	6	8	3	0	2	2	1	0	3	5
7	2	2	1	3	1	1	3	3	9	13	17	16	6
8	12	5	5	3	4	2	5	2	4	2	0	2	4
9	2	0	0	2	4	0	1	2	1	5	2	6	2
10	2	1	2	2	5	0	1	0	2	0	1	0	1
11	3	2	0	7	7	1	0	2	3	0	2	2	2
12	4	2	1	2	3	4	0	5	7	2	2	1	3
13	5	1	0	0	2	2	0	0	2	2	2	0	1
14	3	2	2	0	2	2	0	0	4	6	2	0	2
15	2	3	0	2	5	2	2	2	2	14	10	6	4
16	7	6	4	2	2	5	2	2	2	5	2	0	3
17	0	2	1	2	3	4	6	5	2	4	2	2	3
18	2	5	2	3	2	2	2	0	2	3	1	0	2
19	1	2	2	2	2	0	2	1	1	3	2	0	2
20	0	2	2	1	1	2	1	1	0	5	0	0	1
21	1	2	1	2	0	1	3	1	3	2	3	2	2
22	2	2	2	2	6	3	6	3	4	0	4	4	3
23	0	9	10	12	9	7	7	6	4	1	5	2	6
24	2	5	7	4	4	1	2	0	1	2	2	2	3
25	0	2	2	3	2	4	3	2	1	1	3	4	2
26	3	3	1	2	2	2	2	2	4	2	4	3	3
27	2	4	4	6	3	4	5	12	5	8	7	12	6
28	9	8	6	7	6	6	2	4	5	5	6	6	6
29	6	3	4	5	12	10	6	4	5	4	4	2	2
30	3	0	0	2	2	2	***	2	1	5	2	3	2
31	4	2	0	3	3	3	0	2	3	3	2	2	2
MEAN	3	3	3	3	4	3	2	3	3	4	4	4	3.2

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES UNITS - 0.1 COMS/1000 FT

STATION - C NO 46100 PUBLIC SCHOOL GREEN GLADE RD, MISSISSAUGA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.4	3	10
FEB	29	1.5	4	7
MAR	31	1.5	3	6
APR	30	1.7	3	8
MAY	12	1.7	3	7
JUN	30	1.4	4	7
JUL	31	1.6	4	8
AUG	31	2.1	4	9
SEP	30	1.9	5	13
OCT	26	1.8	5	22
NOV	30	2.3	5	14
DEC	31	3.2	6	19
YEAR	342	1.9	6	22

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46100 PUBLIC SCHOOL GREEN GLADE RD. MISSISSAUGA

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	361	9	0	0	0	0	0	370
FEB	328	19	0	0	0	0	0	347
MAR	361	9	0	0	0	0	0	370
APR	338	18	0	0	0	0	0	356
MAY	148	7	0	0	0	0	0	155
JUN	344	15	0	0	0	0	0	359
JUL	353	17	0	0	0	0	0	370
AUG	316	55	0	0	0	0	0	371
SEP	319	35	3	0	0	0	0	357
OCT	304	16	3	0	1	0	0	324
NOV	307	43	8	0	0	0	0	358
DEC	283	73	11	4	0	0	0	371
YEAR	3762	316	25	4	1	0	0	4108

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
93.5	0	0.0	0.0	1.2	1.8	3.7	4.9	7.0	8.9	22	1.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST. MISSISSAUGA

MONTH - JAN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	1	6	2	0	0	0	0	7	4	3	2	2
2	4	3	2	4	2	0	3	2	0	3	2	3	3
3	2	2	0	2	4	2	1	2	2	3	2	5	2
4	3	2	2	7	5	11	2	5	6	2	2	2	4
5	2	2	2	1	3	3	3	2	2	0	0	7	2
6	2	2	1	2	2	2	0	2	2	2	3	1	2
7	2	2	0	2	0	0	1	3	4	0	1	6	2
8	0	2	3	0	2	0	0	0	2	2	1	2	1
9	0	2	2	1	2	4	1	0	5	1	2	3	2
10	0	2	2	6	8	2	2	2	0	0	2	2	2
11	3	3	2	7	2	2	2	2	1	0	2	2	2
12	0	2	3	1	2	2	0	2	2	0	2	2	2
13	0	0	0	0	0	1	2	2	2	3	5	3	2
14	2	2	2	2	4	2	3	3	6	3	2	3	3
15	4	2	2	7	11	10	4	4	6	3	2	1	5
16	4	2	2	2	11	4	4	5	2	1	5	2	4
17	3	2	1	2	9	2	3	4	4	2	3	0	3
18	2	2	1	2	2	5	2	4	2	2	4	3	3
19	0	0	1	0	5	2	0	2	2	1	0	0	1
20	0	2	0	0	0	2	0	0	1	0	0	1	1
21	0	2	0	0	1	0	2	13	3	4	5	2	3
22	0	2	2	0	2	2	2	5	0	2	0	2	2
23	0	0	0	2	2	2	1	3	2	0	2	1	1
24	0	0	2	2	2	0	2	2	3	0	3	3	2
25	2	0	2	8	3	2	2	2	2	5	4	3	3
26	1	2	2	0	2	0	0	0	1	2	2	0	1
27	2	0	2	1	0	0	0	0	0	0	0	2	1
28	2	0	2	0	0	2	2	0	0	0	1	2	1
29	2	1	2	0	3	1	2	2	0	2	2	3	2
30	2	2	2	3	2	2	0	2	2	0	1	3	2
31	1	0	0	7	2	2	1	0	4	4	1	1	2
MEAN	2	2	2	2	3	2	2	2	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46110

QUEENSWAY WEST/HURONTARIO ST. MISSISSAUGA

MONTH - FEB 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	1	1	0	2	2	1	0	0	2	0	2	1
2	2	0	0	2	1	0	0	0	0	4	2	3	1
3	2	2	0	1	2	0	2	0	0	0	1	0	1
4	2	0	0	2	2	0	3	2	0	0	1	2	1
5	2	0	0	3	5	2	5	2	0	8	4	2	3
6	2	2	2	3	5	2	2	2	0	2	0	1	2
7	1	1	0	3	5	3	2	1	0	2	0	2	2
8	1	2	0	2	2	3	1	0	0	0	2	1	1
9	0	0	0	1	2	0	0	0	0	0	0	0	0
10	1	0	2	0	3	0	0	1	2	2	3	3	1
11	2	2	2	3	2	4	1	2	2	2	0	0	2
12	0	0	3	2	2	2	0	1	2	2	3	3	2
13	3	1	4	5	4	3	2	***	1	2	3	2	3
14	0	2	3	5	5	3	1	1	2	0	1	5	2
15	1	0	4	3	2	2	0	0	3	1	1	2	2
16	0	0	3	2	2	2	0	2	2	2	2	2	2
17	1	2	2	1	0	3	1	0	4	2	2	2	2
18	1	1	3	1	2	3	2	2	3	2	2	3	2
19	1	2	2	2	2	6	3	2	2	5	9	10	4
20	3	5	8	11	7	7	6	5	10	3	9	11	7
21	5	3	5	1	3	5	3	2	4	1	0	0	3
22	0	2	2	2	2	7	3	2	7	3	3	0	3
23	2	0	3	2	2	2	1	0	2	1	3	2	2
24	5	1	1	0	0	0	0	0	0	2	1	0	1
25	0	0	2	0	2	2	0	1	3	2	0	2	1
26	0	2	0	0	0	2	***	0	0	0	2	2	1
27	2	2	0	3	2	3	0	3	1	0	2	2	2
28	0	0	0	0	3	0	1	1	1	2	2	0	1
29	1	4	2	2	2	2	2	0	4	1	2	1	2
MEAN	1	1	2	2	3	2	2	1	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46110

QUEENSWAY WEST/HURONTARIO ST. MISSISSAUGA

MONTH - MAR 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	0	5	1	0	1	2	3	2	0	2	2
2	0	2	0	1	2	2	0	2	5	2	4	2	2
3	6	4	6	2	7	2	0	0	2	2	3	2	3
4	2	1	2	2	2	2	2	2	4	4	5	6	3
5	2	2	5	5	8	3	4	6	2	0	0	1	3
6	2	0	0	3	0	2	0	1	2	2	2	3	1
7	2	1	2	4	2	0	0	2	0	5	3	3	2
8	2	3	3	3	2	2	4	2	2	5	2	3	3
9	2	0	1	0	2	4	1	2	2	2	2	2	2
10	2	2	4	2	2	5	2	5	3	2	0	1	3
11	0	0	2	1	0	0	0	2	0	1	0	0	1
12	0	0	1	0	0	3	0	0	0	2	3	3	1
13	1	0	0	3	6	2	5	4	4	0	0	0	4
14	1	2	0	3	5	2	0	2	2	0	0	0	1
15	1	0	0	2	1	0	1	0	2	2	3	2	1
16	3	3	1	0	6	7	5	9	2	2	2	0	3
17	2	2	2	13	19	8	2	6	***	7	0	7	6
18	2	0	0	2	0	0	0	0	3	0	2	0	1
19	0	3	3	5	3	2	4	2	0	0	2	3	2
20	7	4	4	13	4	3	2	3	3	5	5	9	5
21	5	6	3	5	4	4	2	0	0	2	0	0	3
22	0	2	0	0	0	0	0	2	0	2	2	0	1
23	0	3	0	2	2	2	2	0	2	5	0	0	2
24	2	2	3	3	5	5	4	7	2	3	7	5	4
25	0	2	0	0	0	0	0	0	0	0	0	2	0
26	0	2	0	2	0	0	0	0	2	5	2	0	1
27	0	0	0	3	5	2	2	3	2	2	0	4	4
28	0	5	2	6	7	2	5	0	0	5	7	0	3
29	0	5	4	3	8	2	3	0	0	2	2	0	2
30	2	0	2	0	2	9	2	9	0	2	0	0	2
31	0	0	0	2	5	5	7	5	2	2	2	7	3
MEAN	2	2	2	3	4	3	2	3	2	2	2	2	2.2

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COMS/1000 FT	
STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST. MISSISSAUGA														MONTH - APR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	3	3	2	5	3	6	0	0	0	0	0	2	2		
2	7	6	4	2	2	4	2	0	5	3	0	2	3		
3	0	2	2	5	7	3	0	5	2	0	0	0	2		
4	2	5	2	2	0	2	3	0	0	3	0	0	2		
5	2	2	0	0	0	2	2	0	0	2	5	3	2		
6	2	0	2	0	3	5	4	4	0	0	0	1	2		
7	0	2	3	3	4	6	3	4	3	9	2	3	4		
8	0	2	2	2	7	4	9	3	2	2	2	0	3		
9	0	2	5	2	0	5	3	3	***	0	5	6	3		
10	2	1	2	4	2	7	2	1	2	1	4	2	3		
11	2	3	0	2	8	2	1	3	2	6	5	7	2		
12	10	3	3	4	14	4	9	6	3	1	1	2	5		
13	0	0	0	0	3	1	5	2	0	4	2	2	2		
14	2	4	0	5	10	3	10	8	2	2	2	4	4		
15	3	2	3	2	3	2	3	2	6	1	2	2	3		
16	2	0	0	2	2	0	3	0	3	2	1	3	2		
17	0	2	3	4	4	2	1	4	1	2	4	5	3		
18	2	9	1	7	5	9	5	3	2	4	2	2	4		
19	2	2	8	2	5	4	4	7	6	4	18	21	7		
20	7	4	2	0	7	0	4	2	1	3	0	2	3		
21	3	5	1	8	3	3	0	3	5	0	4	4	3		
22	7	4	4	2	9	7	2	2	4	4	2	2	4		
23	2	0	0	5	13	11	9	0	6	2	1	2	4		
24	4	2	2	2	5	2	4	1	3	1	4	4	3		
25	- DATA INVALID -														
26	- DATA INVALID -														
27	- DATA INVALID -														
28	- DATA INVALID -														
29	****	****	****	****	****	****	****	****	****	****	****	0	*****		
30	2	8	3	9	13	2	7	2	5	1	9	12	6		
MEAN	3	3	2	3	5	4	4	3	3	2	3	4	3.2		

PERCENTAGE OF DATA VALID - 83.3

PERCENTAGE OF DATA INVALID - 16.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COMS/1000 FT	
STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST. MISSISSAUGA														MONTH - MAY 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	16	4	3	4	8	2	4	6	2	1	7	5	5		
2	2	0	2	2	7	2	0	5	7	5	3	6	3		
3	4	3	3	2	2	0	4	2	2	0	4	1	2		
4	1	4	2	2	4	0	2	0	2	2	1	2	2		
5	3	2	2	0	13	11	9	6	4	7	2	2	5		
6	3	2	0	2	2	2	2	3	1	5	5	2	2		
7	4	3	6	2	7	1	1	0	2	2	0	4	3		
8	0	5	3	2	1	2	0	5	3	0	4	0	2		
9	0	3	1	1	2	2	4	2	3	5	0	6	2		
10	3	2	10	2	6	2	0	2	2	4	2	2	3		
11	0	3	4	4	4	3	4	7	2	0	3	0	3		
12	5	4	2	1	6	10	3	7	3	5	3	0	4		
13	2	2	2	7	6	1	4	8	0	3	3	3	3		
14	0	4	1	2	***	0	3	3	2	0	0	2	2		
15	2	4	2	3	6	0	2	4	0	5	1	5	3		
16	2	1	2	6	8	7	6	3	2	1	4	8	4		
17	8	4	5	9	4	11	14	19	10	3	4	2	8		
18	0	0	2	2	10	2	6	1	2	3	2	0	3		
19	4	2	2	3	0	0	4	4	0	2	3	6	3		
20	3	7	0	2	15	3	3	10	1	2	8	4	5		
21	9	12	0	2	5	13	10	13	1	8	7	4	7		
22	7	12	6	4	2	1	2	8	3	6	3	6	5		
23	2	8	8	12	11	9	8	9	7	5	10	2	8		
24	1	2	4	9	9	8	5	5	7	4	2	4	5		
25	0	4	2	3	3	6	9	2	3	2	2	0	3		
26	2	2	7	1	3	2	2	0	4	0	0	3	2		
27	1	2	2	2	0	2	2	2	1	6	1	2	2		
28	3	2	3	7	5	3	3	4	2	2	5	8	4		
29	7	4	3	15	15	9	14	6	7	0	4	4	7		
30	2	2	2	5	10	18	5	9	6	4	10	3	6		
31	2	2	2	4	3	3	0	2	2	4	2	0	2		
MEAN	3	4	3	4	6	4	4	5	3	3	3	3	3.8		

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST. MISSISSAUGA													MONTH - JUN 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	4	1	0	0	2	2	4	2	2	2	2	2
2	3	0	4	5	4	11	9	2	2	1	6	2	4	4
3	3	4	4	7	4	3	4	2	1	2	1	1	3	3
4	2	1	2	7	2	4	3	1	3	4	7	2	4	4
5	2	2	5	7	6	2	4	2	2	5	4	2	1	7
6	4	1	2	11	4	9	10	17	11	6	3	3	3	3
7	2	2	4	5	1	2	1	3	5	3	0	4	2	2
8	4	2	2	1	0	0	3	***	***	2	0	7	2	2
9	0	2	1	4	2	2	2	2	3	0	2	2	2	2
10	1	2	0	4	2	0	3	2	1	1	0	2	2	2
11	0	0	2	4	0	2	5	0	2	2	2	2	2	2
12	7	2	6	9	3	5	0	4	4	4	2	5	4	4
13	4	0	7	9	2	2	4	5	3	2	4	9	4	4
14	11	4	3	11	4	5	9	5	5	5	2	3	6	4
15	4	7	2	2	5	2	2	2	0	0	2	0	2	2
16	1	3	2	7	2	1	1	3	0	2	2	2	2	2
17	0	2	2	5	3	5	2	3	2	0	2	2	2	2
18	0	2	2	3	2	0	8	5	2	3	1	3	3	3
19	2	7	2	15	4	6	3	9	0	4	2	0	5	5
20	0	1	0	0	1	3	2	0	3	2	3	0	1	1
21	0	0	1	2	2	1	2	2	6	4	3	0	2	2
22	3	3	3	4	2	3	3	2	3	2	3	3	3	3
23	6	7	7	11	10	8	2	5	2	4	6	4	6	6
24	2	3	7	9	11	7	13	4	5	6	7	5	7	7
25	5	5	4	6	9	4	2	7	0	2	0	2	4	4
26	2	2	2	7	3	3	6	2	6	0	0	0	3	3
27	0	3	4	0	7	2	5	2	3	6	2	2	3	3
28	0	2	0	5	5	0	0	2	1	0	0	0	1	1
29	2	2	2	0	0	2	2	4	3	0	3	2	2	2
30	2	1	0	2	1	2	2	1	***	0	1	1	1	1
MEAN	2	2	3	5	3	3	4	3	3	2	2	3	3.1	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST. MISSISSAUGA													MONTH - JUL 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	1	3	0	0	6	5	2	0	3	4	3	2	2
2	0	0	0	3	0	1	3	3	0	0	2	2	1	1
3	0	4	2	6	3	2	0	3	2	3	3	9	3	3
4	2	2	4	3	4	3	3	3	4	5	5	2	4	4
5	13	7	3	0	0	0	0	0	0	0	3	3	3	3
6	2	2	0	0	2	2	0	2	0	2	0	1	1	1
7	1	1	0	4	2	0	5	0	3	4	3	0	2	2
8	3	0	2	2	4	2	2	3	1	4	9	9	3	3
9	2	2	1	3	4	0	2	2	2	2	3	2	5	5
10	4	11	5	9	4	6	5	2	2	2	3	2	5	5
11	2	2	3	3	2	6	3	2	5	2	2	1	3	3
12	0	0	1	4	2	1	0	1	0	0	1	2	1	1
13	1	0	0	4	3	0	2	1	0	1	1	2	1	1
14	3	2	1	6	2	3	3	2	2	2	17	11	5	5
15	6	1	3	11	8	3	3	2	0	2	4	0	4	4
16	5	3	0	6	3	2	3	3	2	4	3	3	3	3
17	4	0	2	4	4	2	2	0	0	2	1	3	2	2
18	2	0	0	3	4	3	0	0	1	***	0	2	1	1
19	3	1	0	2	1	2	2	0	2	0	2	2	1	1
20	5	0	3	3	2	0	2	2	0	2	1	0	2	2
21	0	2	1	5	0	0	0	3	0	0	2	0	1	1
22	2	2	0	2	3	0	3	0	0	0	2	0	1	1
23	4	0	0	2	2	0	1	2	4	0	1	1	1	1
24	2	0	0	1	3	2	2	2	2	1	2	1	2	2
25	0	2	2	1	0	3	4	3	2	0	2	7	2	2
26	1	0	3	2	1	1	2	2	3	4	2	5	2	2
27	3	2	3	2	0	0	1	0	1	2	4	2	2	2
28	0	2	0	3	2	0	2	2	0	2	2	0	1	1
29	2	3	0	1	5	1	0	3	0	3	1	5	2	2
30	3	1	0	1	2	2	2	4	1	0	3	2	2	2
31	0	2	3	2	2	2	0	2	3	2	0	2	2	2
MEAN	2	2	1	3	2	2	2	2	1	2	3	3	2.1	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - AUG 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	8	4	3	2	3	2	2	5	0	3
2	2	2	2	2	0	2	1	1	3	2	0	1	2
3	0	3	0	0	2	2	0	2	1	0	0	2	1
4	1	0	0	1	1	0	0	5	2	2	2	0	1
5	0	3	0	2	5	2	1	0	2	3	2	1	2
6	1	0	2	2	2	2	1	3	2	0	2	1	2
7	5	3	4	6	2	2	4	2	***	3	4	0	3
8	1	4	8	8	3	3	2	0	0	1	0	2	3
9	1	0	2	0	1	0	0	2	0	3	2	0	1
10	0	0	2	0	1	2	0	0	0	0	4	0	1
11	5	6	2	1	0	2	1	0	1	0	2	2	2
12	5	1	1	2	0	2	3	2	0	2	2	0	2
13	0	3	9	3	1	0	2	2	1	2	1	3	2
14	0	2	0	9	0	4	3	2	2	0	2	4	2
15	0	0	2	1	1	0	0	1	0	0	2	0	1
16	3	2	0	0	2	0	0	0	0	0	2	0	1
17	0	2	0	1	0	2	2	2	4	1	0	1	1
18	0	2	0	2	4	0	2	2	4	3	2	5	2
19	5	0	4	4	2	7	0	1	2	4	6	7	4
20	2	0	5	4	0	2	0	3	2	2	2	2	2
21	6	2	0	0	3	5	20	16	0	2	0	3	5
22	0	2	2	1	3	0	0	0	0	1	4	4	1
23	2	1	1	0	0	0	1	5	2	2	2	0	1
24	4	0	0	2	0	0	0	2	5	2	2	1	2
25	0	2	3	7	5	3	2	0	2	3	4	2	3
26	0	2	2	3	3	5	3	2	3	2	1	2	2
27	2	5	3	3	3	***	2	2	2	0	3	0	2
28	2	2	1	6	2	5	1	1	1	2	0	0	2
29	1	0	4	2	2	0	17	23	2	2	0	2	5
30	6	2	3	3	4	2	2	1	3	3	2	2	3
31	2	0	1	2	0	1	1	1	4	0	2	0	1
MEAN	2	2	2	3	2	2	2	3	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - SEP 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	3	4	0	3	1	0	0	0	3	2	3	2
2	2	0	0	3	4	3	2	1	1	1	4	0	2
3	3	2	2	2	7	2	0	3	3	2	0	7	3
4	4	5	15	5	4	3	3	2	2	5	1	0	4
5	0	0	13	21	6	12	7	5	1	7	3	3	7
6	0	3	8	11	3	0	0	0	0	3	0	0	2
7	0	0	2	0	0	0	0	0	0	2	4	2	1
8	1	1	7	11	3	2	1	0	0	6	3	0	3
9	0	4	6	8	2	3	1	0	0	0	0	1	2
10	0	1	4	4	0	0	0	0	0	0	3	3	1
11	2	3	2	1	2	1	3	0	2	1	1	2	2
12	2	0	0	0	2	3	3	2	0	0	3	0	1
13	0	1	0	0	4	0	0	1	2	2	0	2	1
14	3	2	6	2	2	0	0	2	2	2	0	0	2
15	0	0	1	2	0	3	0	0	1	2	6	2	1
16	3	3	7	5	0	0	1	0	3	5	0	3	3
17	2	2	0	4	2	5	0	0	0	1	0	0	1
18	2	3	2	8	5	3	2	0	0	0	11	2	3
19	1	1	2	1	5	2	2	4	***	3	3	0	2
20	3	3	3	3	6	1	0	0	2	5	0	0	2
21	2	3	5	0	1	2	2	2	1	0	0	0	2
22	0	2	0	2	1	3	1	2	2	0	1	1	1
23	0	0	0	2	2	0	0	2	2	2	0	0	1
24	1	0	3	8	2	0	3	0	2	4	2	0	2
25	2	2	0	9	15	7	3	3	0	2	8	0	4
26	0	0	0	2	1	0	0	2	2	1	1	0	1
27	0	1	0	3	0	0	4	0	3	0	1	4	1
28	0	1	2	0	0	4	1	3	1	1	4	2	2
29	1	1	0	10	4	0	1	2	1	1	6	5	3
30	9	2	8	21	7	4	7	6	3	5	3	5	7
MEAN	1	2	3	5	3	2	2	1	1	2	2	2	2.4

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST. MISSISSAUGA													MONTH - OCT 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	5	5	15	4	2	2	1	2	5	4	1	4	
2	2	0	0	2	2	0	2	1	0	2	6	2	2	
3	4	4	3	7	0	0	1	0	1	0	0	1	1	
4	2	2	2	0	4	0	0	0	1	0	1	1	1	
5	0	0	0	1	0	0	0	0	0	0	0	2	1	
6	0	0	1	2	2	2	2	0	3	5	4	2	3	
7	2	2	1	9	3	3	2	3	4	0	2	3	2	
8	2	1	0	2	3	0	---	1	2	2	2	3	3	
9	1	2	2	4	10	3	1	2	2	2	2	3	3	
10	2	2	0	15	2	2	2	0	1	23	4	20	6	
11	12	1	8	11	2	4	5	0	2	4	2	4	4	
12	1	1	1	1	2	1	1	1	2	1	2	0	1	
13	0	1	0	0	4	1	2	1	4	1	5	0	2	
14	3	1	2	8	4	0	2	6	2	2	5	2	3	
15	4	3	5	8	5	6	3	6	3	2	8	7	5	
16	9	5	7	11	12	10	6	6	7	6	6	2	7	
17	3	5	7	7	5	4	3	9	2	6	3	2	5	
18	0	2	2	1	2	2	3	0	2	2	4	1	2	
19	0	0	1	1	1	1	0	3	2	2	2	1	1	
20	3	1	2	4	5	2	2	6	2	0	3	3	3	
21	4	0	6	2	6	8	2	3	2	1	1	1	3	
22	0	4	2	3	18	3	2	2	2	2	1	2	3	
23	2	2	6	12	6	2	2	0	1	2	2	0	3	
24	0	0	2	0	0	1	3	1	2	2	2	0	1	
25	5	5	0	1	2	1	3	2	4	3	0	0	2	
26	3	0	1	1	1	2	0	0	1	0	0	1	1	
27	1	2	1	0	2	1	0	5	2	---	9	1	2	
28	3	0	2	2	2	2	2	0	2	1	2	2	2	
29	3	0	2	2	4	3	1	2	1	2	2	0	2	
30	2	2	2	4	1	2	1	2	2	5	2	7	3	
31	2	3	0	3	4	2	1	2	0	2	0	0	2	
MEAN	3	2	2	4	4	2	2	2	2	3	3	2	2.7	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. --- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST. MISSISSAUGA													MONTH - NOV 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	1	0	2	2	3	2	0	2	1	0	0	1	
2	0	0	0	0	2	1	0	0	2	11	7	3	2	
3	0	3	2	2	1	4	2	2	4	9	5	2	3	
4	3	3	2	3	1	2	0	2	2	4	3	0	1	
5	0	0	0	2	1	0	2	0	0	0	0	2	2	
6	3	0	0	3	5	2	0	3	3	2	2	0	3	
7	1	2	0	3	6	5	4	6	3	2	0	2	3	
8	0	0	0	2	2	2	1	1	4	6	0	2	2	
9	3	2	1	3	3	3	5	0	2	4	2	2	3	
10	0	1	0	1	2	0	2	1	1	0	0	0	1	
11	0	1	0	2	1	2	2	0	2	1	3	2	1	
12	0	2	0	5	3	4	0	3	10	12	9	7	2	
13	9	5	3	4	6	3	2	5	3	9	8	5	5	
14	4	4	2	4	0	0	2	4	3	4	2	1	3	
15	1	0	0	0	3	1	1	2	3	2	2	0	1	
16	0	0	4	1	1	0	1	0	4	8	9	10	3	
17	9	6	6	11	14	1	2	5	---	2	5	4	6	
18	0	0	0	2	5	0	3	2	5	2	0	2	2	
19	2	2	2	2	4	2	2	9	6	3	3	7	4	
20	6	5	3	6	9	9	7	4	9	3	5	2	6	
21	7	2	7	7	5	3	0	2	3	3	2	0	3	
22	3	0	2	0	3	0	2	2	5	4	2	5	2	
23	6	0	6	2	3	3	5	4	4	7	5	5	4	
24	3	3	4	7	8	7	9	3	2	0	2	0	4	
25	2	0	0	0	3	2	2	0	0	2	2	2	1	
26	5	0	2	4	5	3	0	2	3	7	2	9	4	
27	7	7	8	2	0	3	2	3	2	0	0	2	3	
28	2	0	2	4	3	3	5	3	7	2	0	2	3	
29	0	3	2	0	3	2	2	3	3	3	2	0	2	
30	2	0	0	0	0	2	0	2	0	2	4	2	1	
MEAN	3	2	2	3	3	2	2	2	3	4	3	3	2.7	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. --- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST. MISSISSAUGA

MONTH - DEC 80

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	5	5	2	2	0	2	---	9	8	3
2	2	1	3	0	8	8	5	2	1	2	2	3	3
3	1	2	1	0	2	2	0	3	0	2	2	0	1
4	4	2	2	3	12	7	2	8	4	9	7	9	6
5	4	4	2	2	7	3	3	2	4	6	15	16	6
6	12	6	6	3	8	6	0	3	2	0	2	3	4
7	2	2	0	1	0	2	2	5	10	15	15	17	6
8	9	10	6	12	10	5	5	2	2	2	0	4	6
9	1	0	2	3	5	3	2	2	2	5	4	3	3
10	0	2	1	3	7	1	0	2	1	2	4	0	2
11	2	4	1	8	8	0	2	3	3	2	3	0	3
12	0	0	2	4	2	4	2	5	7	6	1	2	3
13	2	0	2	0	2	6	0	2	0	3	4	0	2
14	2	4	0	0	3	0	0	1	4	3	4	5	2
15	2	0	1	6	6	1	6	4	8	9	4	7	5
16	3	4	4	3	6	1	3	5	2	2	6	2	3
17	6	1	0	5	4	1	9	3	2	3	5	4	4
18	3	1	5	0	4	0	0	2	5	0	1	1	2
19	2	1	1	1	3	2	4	3	4	4	1	2	2
20	3	1	2	3	2	2	3	1	0	6	0	1	2
21	1	2	1	2	2	2	3	1	2	2	2	2	2
22	0	1	2	4	9	2	7	8	1	6	3	7	4
23	9	5	6	9	6	9	6	5	6	4	6	7	7
24	8	4	3	2	5	1	1	0	0	4	2	0	3
25	6	2	1	2	3	0	5	0	5	5	1	3	3
26	3	0	2	2	4	0	2	7	4	3	8	0	3
27	4	5	1	5	5	6	2	8	1	8	10	12	6
28	10	5	3	4	7	2	3	6	7	6	9	9	6
29	1	2	5	6	15	7	12	1	6	2	4	0	5
30	0	0	2	2	0	4	4	2	3	1	1	3	2
31	8	2	4	2	8	3	2	2	0	0	7	0	3
MEAN	4	2	2	3	5	3	3	3	3	4	4	4	3.5

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "-----" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "----" INDICATES DATA IS UNAVAILABLE

3. "-----" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST. MISSISSAUGA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.1	5	13
FEB	29	1.9	7	11
MAR	31	2.2	6	19
APR	25	3.2	7	21
MAY	31	3.8	8	19
JUN	30	3.1	7	17
JUL	31	2.1	5	17
AUG	31	2.0	5	23
SEP	30	2.3	7	21
OCT	31	2.7	7	23
NOV	30	2.7	6	14
DEC	31	3.5	7	17
YEAR	361	2.6	8	23

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 46110 QUEENSWAY WEST/MURONTARIO ST. MISSISSAUGA

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	335	29	4	0	0	0	0	368
FEB	317	27	2	0	0	0	0	346
MAR	311	57	2	1	0	0	0	371
APR	233	60	5	1	1	0	0	300
MAY	264	90	14	3	0	0	0	371
JUN	278	69	9	1	0	0	0	357
JUL	339	27	4	1	0	0	0	371
AUG	336	30	0	3	1	0	0	370
SEP	310	40	7	0	2	0	0	359
OCT	309	51	7	2	1	0	0	370
NOV	289	66	4	0	0	0	0	359
DEC	263	97	9	2	0	0	0	371
YEAR	3584	643	67	14	5	0	0	4313

FREQUENCY DISTRIBUTION BY PERCENTILES

FREQUENCY PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
98.2	0	0.0	0.7	1.6	2.5	5.5	7.5	10.0	12.3	23	2.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 47041 FED MANPOWER BLDG 48 OWEN ST. BARRIE

MONTH - JAN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	2	2	1	2	2	2	1	2	0	0	1
2	0	2	0	0	0	2	0	0	2	0	0	2	1
3	2	1	0	0	0	0	0	2	0	3	0	3	1
4	1	5	2	2	2	0	0	0	0	4	1	0	1
5	0	2	0	3	0	2	0	0	2	5	5	1	2
6	2	1	2	2	0	0	0	0	2	1	2	0	1
7	2	1	0	1	2	1	1	***	4	2	1	0	1
8	2	0	0	2	0	0	2	2	0	2	0	1	1
9	3	1	0	2	2	0	5	1	3	2	1	1	2
10	2	0	2	3	2	1	3	3	2	1	0	2	2
11	2	1	0	3	2	0	1	0	0	0	1	2	1
12	2	0	1	0	0	2	0	0	0	0	0	0	0
13	1	0	0	0	2	3	2	2	4	1	0	2	1
14	2	0	3	2	2	0	2	2	4	1	2	3	2
15	3	3	6	2	2	1	2	2	1	1	0	1	2
16	2	0	1	3	1	2	1	0	2	2	1	1	1
17	1	1	0	1	3	2	3	3	2	2	0	1	2
18	3	0	2	2	0	0	1	0	2	0	0	1	1
19	1	1	2	2	0	1	1	2	2	1	0	2	1
20	1	1	2	2	0	2	0	0	1	0	1	1	1
21	0	0	0	0	0	1	1	1	4	2	3	2	1
22	4	3	1	1	5	1	2	3	2	0	0	0	2
23	0	0	0	0	0	0	2	2	0	2	2	0	1
24	2	1	2	2	3	1	0	3	2	2	7	7	3
25	3	4	5	2	9	3	2	2	1	2	0	0	3
26	1	3	2	1	0	1	1	2	0	0	1	0	1
27	0	2	0	0	0	3	1	1	1	0	1	1	1
28	0	2	0	1	2	0	1	0	0	1	0	2	1
29	2	2	0	1	3	3	***	***	0	0	0	2	1
30	1	1	1	2	2	0	2	2	0	2	1	0	1
31	0	1	1	2	2	2	1	0	1	2	0	0	1
MEAN	2	1	1	1	2	1	1	1	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 47041 FED MANPOWER BLDG 48 OWEN ST. BARRIE

MONTH - FEB 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	0	0	1	0	0	2	0	1	2	0	1
2	2	0	0	2	0	2	2	0	3	1	1	0	1
3	1	0	0	2	0	0	2	0	0	3	2	0	1
4	3	1	2	3	1	0	2	0	0	3	0	2	1
5	1	0	0	2	2	0	2	0	0	0	5	4	1
6	2	5	2	1	2	0	1	2	0	3	2	2	2
7	2	5	3	7	3	1	2	0	0	2	2	2	2
8	0	0	0	3	2	0	2	0	0	2	0	0	1
9	3	3	1	1	0	1	0	1	1	2	1	0	1
10	3	1	0	2	1	0	0	1	1	5	1	1	1
11	1	2	0	2	1	1	2	2	1	3	2	1	2
12	2	0	0	1	0	****	****	2	2	2	0	0	1
13	2	2	2	2	2	1	5	2	4	4	0	0	2
14	2	3	2	2	2	2	1	0	2	2	0	7	2
15	0	0	5	2	2	2	4	5	2	0	3	2	2
16	2	2	2	1	5	2	0	2	2	0	2	1	2
17	0	4	6	1	0	2	0	0	0	0	3	0	2
18	0	0	2	1	0	2	4	1	0	7	2	1	2
19	2	5	3	1	2	2	0	0	3	2	0	3	2
20	3	3	3	2	1	4	2	6	7	5	3	3	4
21	2	0	0	1	5	1	1	1	2	0	2	1	1
22	0	2	2	0	0	0	2	1	2	2	2	2	1
23	1	0	2	4	2	3	0	0	5	2	0	3	2
24	2	2	0	2	0	0	0	0	2	5	1	2	1
25	1	0	2	0	0	0	0	0	0	0	2	0	0
26	0	2	2	2	1	0	1	0	0	2	0	1	1
27	0	2	1	0	0	1	0	0	0	0	2	0	1
28	2	2	0	2	0	0	3	2	0	2	3	0	1
29	0	3	0	0	1	3	2	2	0	2	1	2	1
MEAN	1	2	2	2	1	1	1	1	2	2	2	1	1.5

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 47041 FED MANPOWER BLDG 48 OWEN ST. BARRIE

MONTH - MAR 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	0	0	0	0	0	0	1	2	0	2	1
2	1	0	2	2	0	0	0	0	2	2	0	0	1
3	2	2	0	3	0	2	2	1	0	2	0	2	1
4	0	0	2	2	2	3	2	0	2	0	3	4	2
5	3	1	5	2	2	2	2	0	2	0	0	0	2
6	2	0	0	0	0	2	2	1	3	1	0	0	1
7	0	2	4	2	2	1	4	1	5	2	3	3	2
8	4	2	3	3	2	1	1	0	2	0	2	2	2
9	3	2	2	3	0	2	1	0	2	8	3	4	3
10	2	4	0	4	3	4	0	2	2	2	4	0	2
11	0	0	0	0	4	0	0	2	2	2	3	1	1
12	0	5	0	1	4	0	2	1	3	2	11	3	1
13	3	6	0	0	7	2	0	3	0	2	4	2	2
14	2	2	0	1	5	0	0	0	0	2	1	0	1
15	1	1	0	1	2	0	0	0	0	0	2	1	1
16	4	2	2	3	0	2	0	2	1	0	2	0	1
17	3	2	2	4	5	2	5	2	2	6	3	2	2
18	0	0	2	2	0	2	0	1	5	0	1	3	1
19	2	3	3	0	0	2	0	2	3	0	2	5	2
20	1	2	2	3	4	4	0	1	5	2	5	4	3
21	6	1	2	5	3	2	2	0	2	2	0	6	3
22	1	2	1	3	2	1	3	2	1	1	6	0	2
23	2	2	2	0	2	0	1	2	0	0	3	1	1
24	6	2	5	3	4	0	0	2	2	2	2	5	3
25	0	0	1	2	3	0	4	2	1	0	0	0	1
26	3	0	2	0	0	2	0	0	4	2	0	2	1
27	3	0	3	4	****	0	2	0	0	2	1	0	1
28	0	2	7	5	4	0	0	4	0	0	0	0	2
29	0	0	0	0	0	0	0	0	0	0	5	4	1
30	2	0	0	2	0	0	0	4	0	1	2	0	1
31	3	1	2	3	0	1	6	1	2	2	1	0	2
MEAN	2	1	2	2	2	1	1	1	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 47041 FED MANPOWER BLDG 48 OWEN ST. BARRIE													MONTH - APR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	6	7	2	4	4	0	2	3	0	6	0	3	
2	2	2	2	1	1	0	3	2	0	2	0	2	1	
3	1	2	7	6	0	1	0	0	2	1	5	1	2	
4	2	0	0	3	1	6	0	2	0	3	0	0	1	
5	1	0	0	0	0	2	1	1	0	0	2	0	0	
6	0	0	1	0	0	0	0	2	0	2	0	0	0	
7	0	0	4	3	2	1	2	0	4	0	1	0	1	
8	3	0	2	0	2	8	1	0	0	0	2	0	2	
9	0	2	0	2	2	2	2	0	0	2	2	1	1	
10	0	2	0	1	3	2	5	0	0	1	0	0	1	
11	3	2	1	1	0	0	0	0	2	3	2	1	1	
12	1	1	3	2	0	1	0	2	2	2	0	0	1	
13	1	1	0	4	0	0	1	2	0	0	0	0	1	
14	2	1	2	0	1	0	8	4	0	1	0	2	2	
15	0	2	4	0	0	0	0	0	2	0	4	5	2	
16	0	1	2	3	3	2	0	2	0	2	2	0	1	
17	2	1	0	0	0	2	0	0	0	0	2	2	1	
18	0	0	2	0	0	0	0	0	2	0	2	0	2	
19	2	5	5	1	1	2	0	2	2	2	3	0	1	
20	2	0	0	6	0	0	0	0	0	2	1	1	1	
21	0	2	0	0	0	2	0	0	0	0	1	0	0	
22	2	2	2	2	0	2	0	1	2	0	0	0	1	
23	2	1	0	2	2	0	0	1	0	0	0	0	1	
24	0	2	0	2	1	0	0	2	1	0	0	2	1	
25	2	0	0	0	3	0	2	0	3	2	2	0	1	
26	0	4	1	0	2	0	2	0	0	2	3	2	1	
27	1	1	1	3	2	0	0	0	3	0	1	2	2	
28	2	6	0	0	2	2	2	0	2	1	0	0	1	
29	2	0	0	0	0	3	2	1	4	0	0	2	1	
30	1	0	3	2	1	0	0	0	2	2	2	2	1	
MEAN	1	2	2	2	1	2	1	1	1	1	1	1	1.3	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 47041 FED MANPOWER BLDG 48 OWEN ST. BARRIE													MONTH - MAY 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	3	3	0	0	0	2	0	0	1	2	1	
2	0	2	0	0	2	0	2	5	0	0	1	1	1	
3	2	0	1	0	2	2	0	1	0	0	0	2	1	
4	0	0	3	2	1	2	0	0	5	0	2	2	1	
5	0	0	8	0	2	3	2	4	0	2	4	0	2	
6	1	0	1	0	3	0	1	2	2	0	4	2	2	
7	0	2	1	2	0	2	2	2	3	2	3	0	1	
8	0	2	0	0	2	1	0	0	0	0	2	0	1	
9	2	0	0	0	1	0	0	0	1	0	2	0	1	
10	0	1	0	0	0	2	0	0	1	0	2	0	1	
11	0	2	0	2	2	0	2	3	2	1	0	2	1	
12	0	2	3	2	1	0	***	0	0	0	0	0	1	
13	2	4	0	1	1	0	0	0	0	0	0	0	1	
14	2	0	0	2	2	0	0	0	2	2	1	0	1	
15	0	5	1	2	2	0	0	3	0	0	2	2	1	
16	1	2	0	0	0	0	1	1	0	0	0	4	1	
17	2	0	0	0	0	0	0	0	0	2	2	0	1	
18	0	3	0	0	0	0	1	1	0	2	2	0	1	
19	0	3	2	2	0	0	0	5	2	0	0	1	1	
20	2	5	2	3	0	2	1	2	0	1	0	1	2	
21	2	7	3	3	2	2	1	0	0	1	0	0	2	
22	0	5	0	0	3	3	0	0	3	2	0	0	2	
23	1	2	2	2	2	2	0	4	3	0	0	1	2	
24	1	0	0	1	3	0	2	0	2	3	2	1	1	
25	3	1	1	2	0	0	0	0	3	0	0	2	1	
26	2	0	2	2	0	0	0	0	1	0	0	0	1	
27	0	0	1	1	0	0	0	2	0	2	2	0	1	
28	0	0	1	0	0	0	1	0	0	2	3	0	1	
29	0	2	2	2	2	0	2	0	2	0	3	2	1	
30	0	0	0	0	0	5	2	2	0	3	3	2	1	
31	3	2	0	0	0	2	2	0	0	0	0	2	1	
MEAN	1	2	1	1	1	1	1	1	1	1	1	1	1.1	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 47041 FED MANPOWER BLDG 48 OWEN ST. BARRIE													MONTH - JUN 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	0	0	2	0	0	0	1	0	0	0	0
2	0	0	0	2	0	***	0	0	2	0	2	0	0	1
3	4	2	0	0	0	0	3	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	2	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	2	0	0
6	0	0	0	0	2	0	2	0	2	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	1	0	0	0	0	0	0	2	0	2	0	0	0	0
9	0	2	0	0	0	0	0	1	0	1	0	1	0	0
10	0	2	0	2	1	0	0	0	1	0	0	0	0	1
11	3	0	3	0	0	0	3	0	0	0	1	3	0	0
12	0	0	0	0	2	0	0	0	0	1	1	0	0	0
13	1	0	0	0	1	2	0	0	0	0	2	3	0	1
14	2	3	0	2	2	0	0	2	3	0	2	2	2	2
15	3	3	0	0	0	0	0	0	0	0	0	0	0	1
16	6	0	0	0	1	0	0	3	0	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	3	0	2	0	2	0	0	0	0	0	0	0	1
19	2	0	0	1	0	0	0	2	0	0	1	2	1	1
20	0	0	0	1	0	0	0	0	0	3	0	0	0	0
21	0	2	0	0	0	0	5	0	1	0	2	1	1	1
22	2	2	0	0	0	0	2	2	0	0	0	0	1	1
23	4	2	0	0	4	0	0	0	0	0	0	2	1	1
24	0	0	0	0	0	0	0	0	4	2	0	2	1	1
25	6	1	0	0	0	***	0	0	0	0	3	0	1	1
26	2	0	0	0	0	0	0	0	0	0	1	0	0	0
27	1	2	2	0	0	0	0	0	0	0	0	0	0	0
28	0	2	0	0	0	0	0	0	2	1	0	0	0	0
29	1	0	0	0	1	1	0	4	0	0	0	0	1	1
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	0	0	0	0	0	1	1	0	1	1	0.5	

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 47041 FED MANPOWER BLDG 48 OWEN ST. BARRIE													MONTH - JUL 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	0	2	0	0	0	0	0	0	2	2	1	
2	0	1	0	0	0	2	2	0	0	0	1	0	1	
3	0	0	0	0	1	0	0	0	2	2	3	0	1	
4	1	1	2	0	0	0	1	0	0	2	0	2	1	
5	7	7	8	8	7	3	0	0	2	0	1	0	4	
6	0	2	0	0	2	2	2	0	0	3	0	2	1	
7	0	0	0	0	2	2	0	0	0	0	0	0	0	
8	2	0	0	2	0	2	1	0	2	0	1	0	1	
9	1	1	0	2	2	0	0	0	0	2	1	2	1	
10	0	5	2	1	2	0	0	2	0	0	0	0	1	
11	2	0	3	0	0	0	0	0	0	0	3	1	1	
12	0	0	0	0	1	0	2	0	0	0	0	4	1	
13	0	0	2	2	0	0	0	0	0	2	0	0	1	
14	1	5	0	0	0	4	0	0	0	0	0	0	1	
15	0	0	2	2	4	0	0	0	0	0	0	0	1	
16	1	0	0	2	0	0	2	0	0	0	0	0	0	
17	2	0	0	0	0	0	0	0	0	1	2	1	1	
18	0	0	0	2	0	0	***	0	0	2	2	1	1	
19	4	0	0	2	1	0	0	0	0	0	2	0	1	
20	0	0	2	1	0	0	4	0	3	2	0	0	1	
21	0	0	0	0	2	1	0	4	2	2	3	1	1	
22	0	4	9	4	0	0	2	0	1	2	0	0	2	
23	4	0	1	2	3	2	3	2	0	2	2	2	1	
24	0	2	0	2	0	2	0	3	2	0	3	0	1	
25	3	1	3	0	0	1	0	2	2	3	2	0	1	
26	2	2	3	0	3	1	2	0	3	0	0	3	2	
27	0	2	3	5	2	0	3	0	0	2	0	3	2	
28	0	0	2	0	3	0	0	3	2	2	2	2	1	
29	1	2	0	2	0	0	0	2	3	0	0	0	1	
30	2	2	0	2	2	0	0	0	0	0	2	0	1	
31	3	0	7	0	2	0	2	0	2	2	2	2	4	
MEAN	1	1	2	1	1	1	1	1	1	1	1	1	1.1	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 47041 FED MANPOWER BLDG 48 OWEN ST. BARRIE													MONTH - AUG 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	2	2	1	0	0	0	0	0	9	2	2	1
2	0	3	2	0	7	0	2	0	0	0	0	0	1	1
3	2	0	2	0	2	4	3	0	1	1	0	0	1	1
4	2	0	0	4	0	2	3	2	2	2	0	2	2	2
5	0	2	0	2	0	4	2	1	4	2	1	0	2	2
6	2	3	1	0	2	3	0	3	0	2	2	3	2	1
7	2	2	0	2	3	0	0	3	0	0	3	2	2	2
8	0	3	3	4	2	0	7	0	1	1	5	0	1	1
9	0	2	0	0	0	0	2	5	0	0	0	0	1	1
10	0	0	2	2	0	2	2	5	0	0	0	0	1	1
11														
12														
13	****	****	****	****	****	****	DATA INVALID	DATA INVALID	****	0	0	0	*****	1
14	2	1	0	1	1	0	0	2	1	0	1	0	1	1
15	5	2	0	0	0	4	1	0	0	2	2	0	3	1
16	2	0	2	0	0	4	1	0	0	0	1	0	1	1
17	0	0	2	0	0	2	0	0	0	3	2	0	2	2
18	5	0	2	0	0	1	4	0	0	2	6	5	2	2
19	0	3	1	0	0	1	1	0	0	1	0	0	1	1
20	0	0	2	2	2	2	0	1	0	0	0	0	1	1
21	0	0	2	2	1	2	0	2	2	0	2	3	1	1
22	1	2	0	1	3	1	2	0	2	1	0	2	1	1
23	2	0	0	0	0	2	0	1	1	0	0	0	1	1
24	1	0	0	2	1	0	0	0	1	2	2	2	1	1
25	1	2	1	4	0	1	0	1	2	2	0	0	1	1
26	2	0	0	0	2	2	2	1	0	0	0	2	1	1
27	2	0	2	3	2	2	2	2	3	2	0	0	2	2
28	1	2	0	0	2	5	0	0	0	0	1	2	1	1
29	2	1	2	0	1	2	2	0	0	2	2	0	1	1
30	2	2	5	0	6	6	2	0	2	0	2	1	4	1
31	1	2	0	1	1	0	3	0	2	1	0	0	1	1
MEAN	1	1	1	1	1	2	1	1	1	1	1	1	1.3	

PERCENTAGE OF DATA VALID - 90.3

PERCENTAGE OF DATA INVALID - 9.4

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 47041 FED MANPOWER BLDG 48 OWEN ST. BARRIE													MONTH - SEP 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	0	0	1	0	0	0	3	0	0	2	1	1
2	1	0	0	2	2	2	2	2	2	0	2	0	0	1
3	1	0	0	0	0	0	0	0	0	1	0	0	0	1
4	3	2	5	1	0	1	0	4	0	0	2	2	2	2
5	1	1	2	2	0	0	2	1	1	0	0	2	1	1
6	1	0	1	0	0	0	1	0	0	0	4	0	1	1
7	3	1	0	2	1	0	0	0	1	1	0	0	1	1
8	0	2	2	2	1	0	1	2	0	2	4	0	1	1
9	1	0	1	0	1	2	4	0	0	2	0	1	1	1
10	2	0	0	3	3	1	1	1	0	0	3	2	1	1
11	0	0	0	1	2	0	0	0	2	2	0	0	1	1
12	0	2	0	2	0	2	0	4	0	4	0	2	1	1
13	2	0	2	0	0	4	0	0	2	4	0	0	1	1
14	0	2	0	2	1	2	0	0	7	0	2	0	1	1
15	0	3	1	2	5	0	3	0	0	5	6	2	2	2
16	2	0	3	0	2	0	2	5	2	0	1	4	2	2
17	2	0	6	0	1	4	0	2	2	2	2	0	2	2
18	1	0	4	2	2	2	0	0	0	2	4	1	2	2
19	2	0	1	2	2	0	0	4	0	3	2	2	1	1
20	1	3	3	3	0	4	0	2	0	0	2	0	2	2
21	1	2	0	2	2	4	2	0	4	0	2	0	2	2
22	2	0	0	2	0	0	3	3	0	0	1	0	1	1
23	4	2	0	2	0	0	1	6	4	2	1	0	2	2
24	0	1	2	4	0	2	3	2	0	3	0	1	2	2
25	0	3	2	3	2	1	1	2	1	3	3	2	2	2
26	4	0	4	1	2	1	2	0	2	2	1	2	2	2
27	0	3	2	0	0	2	1	1	1	0	3	7	2	2
28	0	1	1	0	3	0	0	0	0	0	0	0	1	1
29														
30														
MEAN	1	1	2	1	1	1	1	2	1	1	2	1	1.3	

PERCENTAGE OF DATA VALID - 92.2

PERCENTAGE OF DATA INVALID - 7.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 47041

FED MANPOWER BLDG 48 OWEN ST. BARRIE

MONTH - OCT 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	----	----	----	----	----	----	3	0	0	2	2	0	-----
2	0	3	3	0	0	0	0	1	0	1	0	0	1
3	2	0	2	0	3	1	3	2	0	0	0	0	1
4	1	0	2	0	2	0	6	0	0	7	1	1	2
5	2	2	0	0	2	0	0	1	0	3	0	0	1
6	0	1	0	1	0	0	1	2	0	2	2	1	1
7	0	0	0	2	2	0	0	1	0	1	0	1	1
8	1	0	0	2	2	0	2	0	1	2	1	1	1
9	1	2	0	3	0	0	----	0	0	3	2	6	2
10	3	8	1	2	2	0	2	0	2	2	2	1	2
11	4	2	3	1	2	2	2	1	2	0	0	2	2
12	0	0	2	0	2	2	1	0	1	2	2	0	1
13	1	0	0	2	0	2	0	0	2	1	0	1	1
14	2	1	0	3	1	0	2	2	0	0	0	7	2
15	7	4	3	5	0	0	0	0	0	1	0	2	2
16	3	8	4	2	2	1	2	2	2	1	0	2	2
17	2	0	8	2	2	3	2	2	0	2	2	0	2
18	0	2	0	0	2	0	0	2	0	1	1	1	1
19	0	0	0	0	2	0	0	2	1	0	0	2	1
20	1	0	4	2	1	2	1	0	1	2	0	2	1
21	1	1	2	5	3	0	2	1	0	1	2	0	2
22	1	1	0	3	0	0	0	0	2	0	1	1	1
23	1	0	2	0	0	1	0	0	0	1	1	2	1
24	3	0	0	0	1	1	0	0	0	1	0	0	1
25	1	1	0	0	2	1	0	2	0	2	0	1	1
26	0	2	0	2	0	0	1	1	1	2	0	1	1
27	2	0	0	2	2	0	1	2	1	1	0	0	1
28	2	2	2	2	1	1	0	2	1	0	0	0	1
29	0	0	2	1	3	0	0	0	1	1	0	0	1
30	0	0	2	2	2	0	1	1	1	0	2	0	1
31	2	2	2	2	2	1	0	1	2	0	1	0	1
MEAN	1	1	1	2	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "-----" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "-----" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 47041

FED MANPOWER BLDG 48 OWEN ST. BARRIE

MONTH - NOV 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	0	2	0	2	0	0	2	0	0	0	1
2	0	2	0	2	1	0	0	1	2	5	6	0	2
3	2	2	2	1	3	2	0	2	2	3	2	2	2
4	2	0	1	0	0	1	1	2	0	0	2	0	1
5	2	0	0	1	2	1	1	0	2	1	1	0	1
6	0	2	2	0	1	4	2	0	2	2	0	2	1
7	3	2	2	3	3	6	4	2	2	0	0	2	2
8	0	1	0	2	0	1	1	0	2	2	1	2	1
9	0	2	2	0	1	3	1	0	1	1	1	1	1
10	0	0	0	1	0	0	2	1	0	1	2	0	1
11	0	1	0	0	0	1	2	0	2	0	1	0	1
12	2	0	1	2	0	1	2	2	2	2	1	1	1
13	1	2	2	2	2	4	7	2	2	5	6	2	3
14	2	0	0	1	1	0	0	0	0	3	2	6	1
15	3	3	0	3	1	0	0	0	5	0	0	0	1
16	3	3	0	2	4	0	0	4	0	6	4	7	3
17	6	1	0	6	2	6	1	2	2	1	4	3	3
18	0	0	4	3	0	0	0	4	2	3	2	1	2
19	2	1	2	2	5	2	0	4	2	1	3	2	2
20	3	1	1	4	2	4	3	2	5	6	2	0	3
21	2	1	6	2	4	6	2	2	3	0	4	1	3
22	0	1	1	0	0	1	1	2	1	4	1	0	1
23	2	3	4	2	4	10	3	4	10	5	9	4	5
24	6	4	3	1	10	4	1	3	1	1	0	2	3
25	0	0	2	1	5	0	0	0	1	5	0	0	1
26	3	2	0	3	0	2	5	2	3	15	9	1	4
27	14	2	3	2	4	0	1	2	0	1	0	2	3
28	0	3	0	4	0	2	0	2	3	1	0	2	1
29	2	4	0	0	0	1	3	0	0	4	2	0	1
30	0	0	2	0	0	1	0	0	2	0	3	3	1
MEAN	2	1	1	2	2	2	1	1	2	3	2	2	1.8

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "-----" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "-----" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 47041 FED MANPOWER BLDG 48 OWEN ST. BARRIE													MONTH - DEC 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	2	3	2	2	2	0	3	4	4	5	2	2
2	2	2	1	0	4	2	2	0	3	4	4	5	2	2
3														
4														
5														
6														
7														
8														
9														
10														
11														
12	0	2	2	3	2	2	2	0	3	4	4	5	2	2
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														
31														
MEAN	1	2	2	2	3	2	2	0	3	4	4	5	2.3	

PERCENTAGE OF DATA VALID - 8.1 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 91.7

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES					UNITS - 0.1 COMS/1000 FT	
STATION - C NO 47041 FED MANPOWER BLDG 48 OWEN ST. BARRIE						
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING		
JAN	31	1.3	3	9		
FEB	29	1.5	4	7		
MAR	31	1.7	3	11		
APR	30	1.3	3	8		
MAY	31	1.1	2	8		
JUN	30	0.5	2	6		
JUL	31	1.1	4	9		
AUG	28	1.3	2	9		
SEP	28	1.3	2	7		
OCT	30	1.2	2	8		
NOV	30	1.8	5	15		
DEC	2	2.3	2	5		
YEAR	331	1.3	5	15		

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 47041 FED MANPOWER BLDG 48 OWEN ST. BARRIE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	359	10	0	0	0	0	0	369
FEB	326	20	0	0	0	0	0	346
MAR	345	25	1	0	0	0	0	371
APR	345	15	0	0	0	0	0	360
MAY	362	9	0	0	0	0	0	371
JUN	355	3	0	0	0	0	0	358
JUL	361	10	0	0	0	0	0	371
AUG	323	13	0	0	0	0	0	336
SEP	323	9	0	0	0	0	0	332
OCT	355	10	0	0	0	0	0	365
NOV	330	28	2	0	0	0	0	360
DEC	28	2	0	0	0	0	0	30
YEAR	3812	154	3	0	0	0	0	3969

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
90.4	0	0.0	0.0	0.4	1.4	2.6	3.7	5.1	6.2	15	1.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE

MONTH - JAN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5	0	0	0	1	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	2	0	0	2	1	0	1	1
7	0	0	2	1	0	0	0	3	1	1	0	1	1
8	0	0	0	0	2	1	0	0	0	0	0	1	0
9	2	0	5	1	0	0	1	3	2	2	1	2	2
10	0	0	0	0	2	2	1	0	0	0	0	0	0
11	0	0	0	0	0	3	0	0	2	2	0	0	1
12	0	0	0	2	0	2	1	0	0	2	0	0	0
13	0	0	1	0	0	0	0	2	0	0	0	0	0
14	2	0	0	2	0	0	2	0	0	1	0	0	1
15	0	0	0	0	0	0	0	0	0	0	1	1	0
16	0	0	2	0	0	4	1	0	2	2	0	0	1
17	0	0	0	0	2	0	0	2	2	0	1	2	1
18	2	0	0	1	0	0	0	0	0	0	0	0	0
19	0	3	0	0	0	0	0	0	0	0	0	1	0
20	0	2	0	0	0	0	1	2	1	0	0	0	1
21	0	0	0	0	0	0	0	0	2	0	0	1	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	2	4	3	2	0	1
24	0	0	0	0	2	0	0	5	2	0	2	0	1
25	0	0	2	2	0	2	1	1	0	2	0	0	1
26	0	0	2	2	0	2	1	1	0	0	0	0	1
27	0	0	2	1	0	2	0	1	1	0	1	0	1
28	2	2	0	0	0	0	0	3	1	0	1	0	1
29	0	2	2	1	0	1	2	0	1	1	2	1	1
30	0	3	2	2	1	1	0	0	1	0	0	0	1
31	0	0	1	3	1	0	0	0	0	0	0	3	1
MEAN	0	0	1	1	0	1	0	1	1	1	0	1	0.6

PERCENTAGE OF DATA VALID - 87.9

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 11.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE													MONTH - FEB 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	0	0	2	1	0	0	0	2	3	1	
2	1	1	0	0	2	2	0	0	0	2	1	0	1	
3	0	0	2	0	0	2	0	0	0	0	0	2	1	
4	0	0	0	1	0	---	---	0	0	0	0	1	0	
5	0	0	0	0	0	0	2	0	0	0	0	0	1	
6	2	2	0	1	2	0	0	1	0	0	0	2	0	
7	2	0	0	0	0	0	3	0	0	0	0	3	1	
8	2	0	0	0	0	0	0	0	0	2	0	0	0	
9	1	0	0	0	0	0	0	0	0	2	0	0	0	
10	0	0	0	0	0	0	2	0	0	2	0	0	0	
11	2	0	0	0	0	0	0	0	0	2	0	0	0	
12	0	0	2	0	0	2	---	---	0	0	0	2	1	
13	0	2	0	1	0	2	0	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	0	0	1	0	0	1	
15	0	0	1	0	0	1	3	0	5	1	0	0	1	
16	2	0	0	0	0	0	2	0	0	2	0	1	0	
17	0	0	1	0	0	0	0	0	0	0	0	0	0	
18	0	0	0	0	0	0	0	0	2	0	0	1	0	
19	1	0	0	0	0	1	3	1	0	0	2	0	1	
20	1	0	1	0	0	2	0	0	0	0	2	0	1	
21	- DATA INVALID -													
22	- DATA INVALID -													
23	- DATA INVALID -													
24	- DATA INVALID -													
25	- DATA INVALID -													
26	- DATA INVALID -													
27	- DATA INVALID -													
28	- DATA INVALID -													
29	- DATA INVALID -													
MEAN	1	0	0	0	0	1	1	0	0	1	0	1	0.5	

PERCENTAGE OF DATA VALID - 67.8 PERCENTAGE OF DATA INVALID - 29.9 PERCENTAGE OF DATA UNAVAILABLE - 2.3

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. --* INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE													MONTH - MAR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	0	0	2	2	0	2	0	0	0	0	1	
2	2	0	0	0	2	0	0	2	0	0	0	2	1	
3	0	0	1	2	1	1	1	0	0	0	5	1	1	
4	3	0	0	3	5	1	0	0	1	0	3	0	1	
5	1	0	0	0	0	0	0	0	3	0	0	0	0	
6	0	2	1	1	0	0	0	0	0	0	0	2	1	
7	0	1	0	0	0	2	3	0	0	2	1	0	1	
8	0	1	0	0	3	1	1	0	0	2	2	0	1	
9	0	1	0	0	0	0	0	0	2	0	0	0	0	
10	2	6	1	0	1	1	0	1	0	1	0	3	1	
11	1	0	0	0	1	2	0	0	2	1	1	0	1	
12	2	0	0	0	0	0	1	0	0	0	5	1	1	
13	0	0	0	0	2	1	2	0	0	0	5	1	1	
14	0	3	5	1	2	1	0	0	0	0	2	0	1	
15	0	0	0	2	0	2	0	0	2	0	0	0	0	
16	0	0	0	0	0	0	0	0	1	0	0	0	0	
17	0	1	0	0	5	2	2	0	0	0	0	0	1	
18	5	1	0	5	1	0	0	0	0	0	0	0	1	
19	2	0	1	1	0	0	0	0	0	3	0	0	1	
20	0	0	3	0	1	5	2	0	2	0	0	0	1	
21	0	1	0	1	0	----	----	----	----	----	----	----	*****	
22	- DATA UNAVAILABLE -													
23	- DATA UNAVAILABLE -													
24	- DATA UNAVAILABLE -													
25	- DATA UNAVAILABLE -													
26	- DATA INVALID -													
27	- DATA INVALID -													
28	- DATA INVALID -													
29	- DATA INVALID -													
30	- DATA INVALID -													
31	- DATA INVALID -													
MEAN	1	1	1	1	1	1	1	0	1	1	1	1	0.8	

PERCENTAGE OF DATA VALID - 65.9 PERCENTAGE OF DATA INVALID - 18.3 PERCENTAGE OF DATA UNAVAILABLE - 15.9

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. --* INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE													MONTH - APR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1														
2														
3	****	****	****	****	****	****			3	0	2	1	*****	
4	0	0	1	0	2	2	1	2	4	5	0	1	2	
5	2	0	0	0	0	1	0	0	0	2	0	0	0	
6	0	0	0	0	2	2	0	0	0	1	0	2	1	
7	2	2	2	1	0	3	2	6	5	1	1	2	2	
8	5	0	2	2	0	3							*****	
9														
10														
11														
12														
13														
14														
15	****	****	****	****	****	****	0	2	0	0	0	3	*****	
16	2	0	1	3	3	0	0	1	1	2	0	0	1	
17	0	1	0	3	2	2							*****	
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														
MEAN	2	0	1	1	1	2	1	2	2	2	0	1	1.2	

PERCENTAGE OF DATA VALID - 22.8 PERCENTAGE OF DATA INVALID - 177.2 PERCENTAGE OF DATA UNAVAILABLE - *****

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "-" INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE													MONTH - MAY 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20	****	****	****	****	****	****			0	0	0	0	*****	
21	0	2	2	0	4	1	1	0	1	2	4	1	2	
22	2	0	2	1	2	2	2	0	2	0	2	2	1	
23	2	2	4	2	0	0	1	1	4	2	2	0	2	
24	0	2	3	2	2	0	2	0	0	3	0	0	1	
25	0	2	0	0	2	1	3	0	0	0	0	0	1	
26	2	1	0	0	4	1	0	2	1	1	0	0	1	
27	0	4	1	0	0	0	0	2	0	0	3	0	1	
28	1	0	2	1	0	0	0						*****	
29	-	-	-	-	-	-	-		2	0	0	4	*****	
30	0	0	0	1	4	5	3	2	2	2	2	0	2	
31	2	0	0	3	0	0	1	0	0	0	0	0	1	
MEAN	1	1	1	1	2	1	1	1	1	1	1	1	1.1	

PERCENTAGE OF DATA VALID - 33.1 PERCENTAGE OF DATA INVALID - 62.9 PERCENTAGE OF DATA UNAVAILABLE - 4.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "-" INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE													MONTH - JUN 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	1	0	1	0	2	2	0	1	2	0	1	1	1
2	0	0	0	0	0	6	1	2	2	0	0	2	1	1
3	1	0	0	1	1	0	0	0	0	0	0	0	0	0
4	0	1	0	1	0	1	1	2	3	0	3	0	1	1
5	3	0	2	0	0	0	0	0	0	2	0	0	1	1
6	0	0	3	1	0	0	2	2	3	1	2	0	1	1
7	0	0	2	2	0	2	1	0	2	3	0	0	1	1
8	0	0	3	0	0	0	0	1	1	0	1	0	1	1
9	0	0	3	2	0	0	0	0	2	0	0	2	1	1
10	2	1	0	0	2	2	1	0	2	0	0	2	1	1
11	2	0	0	2	0	7	0	2	0	0	0	5	2	2
12	1	0	3	2	0	3	2	2	1	2	2	0	2	2
13	2	4	2	3	0	1	2	2	0	4	2	0	7	3
14	2	5	5	4	3	0	0	3	2	2	2	0	1	1
15	1	2	0	4	2	2	0	0	0	1	0	0	1	1
16	0	0	1	1	0	2	0	1	0	0	1	0	1	1
17	0	2	0	0	0	1	2	2	0	0	2	3	1	1
18	2	0	2	0	2	1	0	1	1	4	2	1	1	1
19	1	3	2	6	0	1	0	0	0	0	1	0	1	1
20	2	0	2	0	1	2	0	0	0	2	0	0	1	1
21	0	0	0	2	0	2	0	0	0	0	0	2	1	1
22	0	0	0	0	2	0	0	0	2	0	0	0	0	0
23	1	2	2	0	1	0	0	2	2	0	2	2	1	2
24	1	2	5	2	0	2	2	2	3	2	0	1	1	1
25	0	2	1	3	***	***	***	***	***	***	***	***	***	***
26														
27														
28														
29														
30														
MEAN	1	1	2	1	1	2	1	1	1	1	1	1	1.1	

PERCENTAGE OF DATA VALID - 81.1 PERCENTAGE OF DATA INVALID - 18.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE													MONTH - JUL 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1														
2														
3														
4														
5														
6														
7														
8														
9														
10	***	***	***	***	***	***	***	0	2	3	0	2	*****	
11	0	1	0	0	3	2	0	0	2	2	0	0	1	1
12	0	0	0	0	0	2	0	0	0	0	0	0	0	0
13	0	0	0	0	0	1	0	2	0	0	0	0	1	1
14	0	0	0	2	0	0	0	0	4	3	0	2	1	1
15	0	3	1	0	2	3	3	0	0	2	2	0	0	0
16	0	0	0	1	0	0	3	0	0	0	0	0	1	1
17	2	2	0	4	0	1	0	2	0	0	0	0	*****	*****
18	2	1	0	2	1	***	***	***	***	***	***	***	*****	*****
19	***	***	***	***	***	***	5	2	0	0	2	2	1	1
20	3	0	2	3	0	0	0	2	2	0	0	2		
21	0	0	0	0	3	0	3	0	3	2	0	0	1	1
22	2	0	1	2	2	0	0	0	0	0	0	0	1	1
23	2	3	0	3	3	0	1	1	2	0	2	0	1	1
24	0	0	2	2	0	0	0	1	3	0	0	0	1	1
25	0	0	2	2	2	3	2	2	2	2	2	0	1	1
26	3	1	0	0	0	2	0	0	3	0	2	0	2	2
27	2	2	2	3	2	0	2	0	0	0	2	0	1	1
28	0	0	0	0	2	2	0	0	0	0	2	1	1	1
29	0	2	0	0	0	3	0	0	0	0	0	0	0	0
30	2	0	0	0	0	0	0	0	0	0	0	0		
31	3	0	2	3	2	2	2	0	4	2	2	4	2	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.9	

PERCENTAGE OF DATA VALID - 65.6 PERCENTAGE OF DATA INVALID - 34.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE														MONTH - AUG 80	
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	2	2	0	3	0	2	0	1	3	0	2	0	1		
2	0	2	0	0	0	2	1	0	1	2	0	0	1		
3	2	0	2	0	1	0	0	3	1	2	2	0	1		
4	0	0	1	0	1	0	0	0	0	1	2	1	1		
5	0	0	1	4	2	2	1	1	2	0	2	0	1		
6	0	0	1	0	2	0	2	0	2	1	0	0	1		
7	2	0	3	0	1	1	4	2	2	1	0	0	1		
8	1	3	1	2	1	1	4	0	2	0	3	1	2		
9	1	1	2	0	1	1	0	0	0	1	0	1	1		
10	1	1	0	1	1	0	0	0	0	0	0	0	0		
11	0	0	1	0	3	2	0	1	1	0	0	1	1		
12	0	0	0	0	1	2	***	0	0	2	0	0	0		
13	2	2	2	2	0	0	2	3	3	2	3	0	2		
14	2	0	2	2	2	0	0	1	3	2	2	0	1		
15	2	5	0	2	2	0	0	0	0	7	2	0	2		
16	2	0	0	2	3	0	0	1	2	2	2	1	1		
17	3	0	0	0	0	2	0	2	0	0	1	2	1		
18	3	1	0	0	0	4	2	3	0	0	3	2	2		
19	0	0	0	2	0	0	0	2	2	0	2	2	1		
20	3	0	1	1	0	0	2	2	2	0	5	0	1		
21	1	2	0	3	0	3	0	0	0	0	3	0	1		
22	0	0	0	3	2	2	0	0	2	2	3	2	2		
23	3	3	0	3	0	2	2	2	2	2	0	0	2		
24	1	2	0	3	0	1	3	2	0	2	2	2	2		
25	0	0	0	0	7	***	0	1	3	2	5	2	2		
26	4	0	4	5	2	2	0	1	4	2	3	2	2		
27	5	4	4	6	4	4	1	6	8	4	0	0	1		
28	1	0	4	2	1	1	0	1	2	0	0	2	1		
29	0	2	1	1	1	0	1	4	0	0	0	2	1		
30	2	0	0	2	2	0	5	0	0	5	0	2	2		
31	6	0	1	2	1	4	1	1	0	2	0	2	2		
MEAN	2	1	1	2	1	1	1	1	2	1	2	1	1.3		

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE														MONTH - SEP 80	
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	4	2	2	0	2	5	2	0	0	0	5	0	2		
2	2	0	2	0	3	6	3	1	0	2	0	2	2		
3	0	1	2	4	0	2	0	1	2	0	4	1	1		
4	2	2	2	1	2	0	1	0	0	2	2	0	1		
5	2	3	2	3	2	2	2	1	0	1	4	2	2		
6	2	1	2	1	0	0	2	1	1	4	0	0	1		
7	1	2	1	0	0	0	0	2	0	0	6	0	1		
8	2	1	0	6	4	0	3	4	1	4	1	1	2		
9	2	5	3	3	5	3	5	3	2	0	0	0	3		
10	0	2	0	1	1	0	0	0	3	0	4	0	1		
11	0	1	2	3	0	***	***	3	0	2	0	1	1		
12	2	1	1	0	2	2	2	2	2	2	1	1	1		
13	0	0	0	2	0	0	0	0	0	2	2	0	1		
14	0	1	3	4	0	2	0	0	1	0	0	2	1		
15	2	1	0	1	2	0	2	0	0	1	2	2	1		
16	4	0	2	2	2	1	1	2	2	2	2	2	2		
17	1	2	2	4	0	2	2	2	0	1	1	1	2		
18	1	0	0	2	0	5	1	3	1	0	2	0	1		
19	0	0	2	2	0	2	1	2	1	2	2	2	1		
20	0	2	1	5	4	2	2	4	1	1	1	0	2		
21	0	1	6	0	0	1	1	2	1	1	2	2	1		
22	0	0	0	1	0	1	2	1	4	0	2	0	1		
23	2	0	2	1	0	3	0	0	0	1	2	0	1		
24	0	2	10	1	0	0	2	0	0	0	0	0	2		
25	1	1	3	2	2	2	1	2	2	0	0	0	1		
26	0	1	0	2	3	1	2	0	2	0	1	2	1		
27	1	0	2	2	2	2	0	1	0	0	1	2	1		
28	2	0	2	0	0	2	1	0	0	0	1	2	1		
29	2	1	4	0	3	1	2	3	1	2	1	0	2		
30	0	0	2	5	7	2	6	2	5	2	3	1	3		
MEAN	1	1	2	2	2	2	2	1	1	1	2	1	1.4		

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COMS/1000 FT													
STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE MONTH - DEC 80													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	1	3	2	0	0	2	3	3	1	2	2
2							- DATA UNAVAILABLE -						
3	0	0	2	4	0	2	0	2	2	0	0	0	1
4	0	0	2	0	0	1	5	0	0	7	0	1	1
5	6	1	4	3	3	0	2	0	4	4	6	2	3
6	2	3	4	6	2	2	4	1	2	2	0	2	3
7	0	0	0	0	2	0	0	6	2	0	5	7	2
8	4	10	8	4	1	0	6	4	0	2	0	0	3
9	2	0	0	1	0	2	0	2	2	0	4	2	1
10	1	0	0	2	2	0	2	2	2	2	0	1	1
11	0	4	2	2	1	4	****	0	0	0	2	0	1
12	3	2	2	2	4	4	2	6	12	13	6	2	5
13	1	0	4	0	0	0	0	0	0	0	0	0	1
14	0	0	3	0	2	0	0	2	0	1	0	0	1
15	4	2	2	2	3	2	0	0	4	0	2	10	3
16	0	2	1	2	0	5	0	4	0	0	4	0	2
17	1	0	2	2	0	2	0	6	4	1	0	4	2
18	0	0	5	4	4	0	2	0	0	1	0	0	1
19	2	0	0	0	0	0	4	0	4	2	2	2	1
20	2	4	0	2	3	0	0	0	0	1	0	0	1
21	2	2	0	0	0	2	1	0	2	4	3	4	2
22	0	2	2	3	13	3	21	20	6	5	2	2	7
23	5	2	5	10	10	6	4	6	4	2	7	8	6
24	2	4	5	4	4	0	0	0	0	0	2	0	2
25	2	0	1	0	2	2	0	0	8	8	5	3	3
26	4	4	1	0	2	2	0	0	2	2	0	2	2
27	4	2	2	2	3	0	3	2	0	0	2	0	2
28	4	1	0	10	3	8	5	2	6	5	8	6	5
29	8	6	2	1	1	1	***	6	2	3	0	0	3
30	0	2	2	0	1	2	0	0	2	1	0	0	1
31	2	2	0	2	0	0	1	0	1	0	0	0	
MEAN	2	2	2	2	2	2	2	2	3	2	2	2	2.2

PERCENTAGE OF DATA VALID - 96.2

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 3.2

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES UNITS - 0.1 COMS/1000 FT

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	27	0.6	2	5
FEB	20	0.5	1	5
MAR	20	0.8	1	6
APR	5	1.2	2	6
MAY	9	1.1	2	5
JUN	24	1.1	3	7
JUL	19	0.9	2	5
AUG	31	1.3	4	8
SEP	30	1.4	3	10
OCT	31	1.2	4	6
NOV	27	1.7	4	12
DEC	30	2.2	7	21
YEAR	273	1.2	7	21

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	325	2	0	0	0	0	0	327
FEB	235	1	0	0	0	0	0	236
MAR	236	9	0	0	0	0	0	245
APR	78	4	0	0	0	0	0	82
MAY	122	1	0	0	0	0	0	123
JUN	284	8	0	0	0	0	0	292
JUL	243	1	0	0	0	0	0	244
AUG	357	13	0	0	0	0	0	370
SEP	342	16	0	0	0	0	0	358
OCT	358	9	0	0	0	0	0	367
NOV	293	28	1	0	0	0	0	322
DEC	312	41	3	1	1	0	0	358
YEAR	3185	133	4	1	1	0	0	3324

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
75.7	0	0.0	0.0	0.1	1.3	2.6	3.8	5.3	6.4	21	1.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 52018 1055 PRINCESS ST KINGSTON

MONTH - JAN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	5	2	1	3	0	2	3	0	2	3	0	2
2	5	5	0	0	4	4	1	6	2	0	0	3	3
3	4	0	2	5	4	2	3	6	2	5	0	2	3
4	3	1	2	1	4	0	3	2	2	0	0	3	2
5	2	2	0	0	1	3	5	0	1	2	1	0	1
6	1	1	2	2	3	0	0	0	2	0	0	2	2
7	0	4	0	0	1	7	2	2	3	4	2	9	3
8	2	0	0	0	5	5	2	4	3	0	2	0	2
9	2	5	3	0	3	0	3	1	2	0	0	2	2
10	3	2	5	3	3	2	3	1	2	0	0	2	2
11	8	3	2	4	0	0	2	5	0	2	0	2	2
12	2	0	5	2	1	5	2	1	1	2	2	1	2
13	0	1	3	2	2	3	4	0	6	0	0	2	2
14	2	0	1	2	4	2	2	2	3	6	2	3	2
15	3	2	2	9	0	0	0	3	4	6	0	2	3
16	4	2	3	0	0	1	0	2	3	5	1	2	2
17	0	1	6	2	1	6	8	2	3	5	0	1	3
18	2	4	0	2	0	4	2	2	3	3	7	3	3
19	4	0	0	2	0	5	2	3	1	6	2	0	2
20	2	1	3	1	3	2	2	0	2	1	0	2	2
21	0	3	5	0	0	4	3	0	5	4	0	1	2
22	4	0	5	4	2	0	3	2	2	2	5	1	3
23	2	3	2	0	0	1	1	1	0	7	2	3	2
24	2	0	2	6	0	0	4	9	3	2	2	0	3
25	0	5	2	0	0	0	3	4	3	0	3	0	2
26	0	0	0	0	0	0	2	0	0	0	3	0	1
27	4	0	2	2	2	0	0	0	0	0	3	3	2
28	2	2	0	2	0	0	5	3	7	0	2	0	1
29	2	0	0	2	3	0	0	2	2	5	2	3	2
30	3	0	3	3	0	2	3	0	4	5	2	3	2
31	0	0	0	2	3	0	0	2	5	0	2	2	1
MEAN	2	2	2	2	2	2	2	2	3	2	2	2	2.0

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52018 1055 PRINCESS ST KINGSTON													MONTH - FEB 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	0	5	2	0	3	0	***	2	1	1	3	2	2
2	1	3	1	0	2	3	1	3	0	2	0	3	2	2
3	0	0	0	0	2	1	2	0	0	0	4	1	1	1
4	0	0	0	3	0	8	2	0	1	1	0	2	1	1
5	0	2	0	0	4	1	0	0	3	4	3	3	2	2
6	1	0	3	1	1	2	0	2	2	1	3	1	1	1
7	3	2	2	2	1	2	0	0	3	2	3	1	2	2
8	1	2	2	1	2	0	3	0	1	0	0	0	1	1
9	4	1	0	1	0	0	1	2	2	2	1	3	1	1
10	0	4	1	0	5	1	2	0	2	1	2	2	2	2
11	0	0	0	0	0	5	5	1	2	0	2	0	1	1
12							- DATA UNAVAILABLE -							
13							- DATA UNAVAILABLE -							
14	-	-	-	****	0	4	3	1	3	2	1	0	2	2
15	0	2	3	2	2	1	1	2	1	2	0	2	2	2
16	0	3	2	0	0	0	0	0	2	3	0	0	1	1
17	0	0	2	0	0	0	0	1	0	0	0	2	0	0
18	0	0	3	3	0	2	2	0	0	0	1	0	1	1
19	1	2	0	0	0	2	7	2	2	3	1	3	2	2
20	3	2	2	4	3	5	2	0	2	0	1	0	2	2
21	4	3	3	5	4	****	****	0	0	0	0	2	2	2
22	1	4	1	0	1	2	1	1	0	5	1	0	1	1
23	2	0	1	3	2	0	2	2	2	4	1	0	2	2
24	0	0	0	0	2	6	2	1	1	0	0	0	1	1
25	3	0	0	2	2	3	1	2	0	3	2	2	2	2
26	2	0	0	0	3	2	0	2	2	0	0	0	1	1
27	2	2	2	0	3	0	0	0	0	0	2	0	1	1
28	2	3	1	0	0	4	1	1	0	0	2	0	1	1
29	0	3	3	2	0	0	0	8	1	1	0	2	1	1
MEAN	1	1	1	1	1	2	1	1	1	1	1	1	1.4	1.4

PERCENTAGE OF DATA VALID - 91.1

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 7.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52018 1055 PRINCESS ST KINGSTON													MONTH - MAR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	0	2	1	0	0	1	3	0	2	0	0	1	1
2	0	5	2	1	2	3	1	0	0	0	0	0	1	1
3	2	2	0	0	2	2	2	5	1	1	1	5	2	2
4	1	0	7	2	1	2	1	0	2	1	0	2	2	2
5	0	0	3	2	2	0	2	0	3	2	2	0	1	1
6	2	1	0	0	1	1	2	***	2	4	5	2	2	2
7	6	2	2	3	2	2	0	0	1	0	2	6	2	2
8	3	2	4	3	5	2	1	3	0	4	1	3	3	3
9	3	3	2	2	2	3	1	0	3	3	1	2	2	2
10	0	2	3	1	2	2	2	7	4	3	1	0	2	2
11	2	2	0	1	2	5	3	1	2	3	0	1	2	2
12	4	1	2	0	0	4	3	1	0	0	5	2	2	2
13	9	13	2	1	2	2	3	2	1	1	2	1	2	2
14	5	6	2	2	1	2	2	0	0	2	3	2	2	2
15	0	4	3	1	2	0	2	0	0	3	3	3	3	3
16	2	0	3	5	1	9	2	0	7	2	2	0	2	2
17	4	1	2	1	3	5	2	5	1	2	0	3	1	1
18	0	6	1	2	0	0	1	1	2	0	3	3	2	2
19	0	0	1	3	1	2	1	4	0	0	3	3	2	2
20	3	5	1	0	2	2	****	****	5	2	11	2	3	3
21	2	3	9	2	1	3	2	0	5	1	2	0	3	3
22	0	0	7	2	3	0	3	2	2	4	1	1	2	2
23	2	1	3	2	2	0	6	4	1	3	1	2	2	2
24	2	7	1	3	2	3	2	3	2	2	3	5	3	3
25	3	1	2	3	2	2	0	2	3	1	0	0	2	2
26	0	1	0	1	0	2	2	5	4	1	0	2	2	2
27	0	0	2	0	1	****	3	0	4	2	5	3	2	2
28	4	4	3	3	3	2	0	6	1	2	2	8	3	3
29	2	0	2	2	0	3	2	6	2	1	4	2	2	2
30	4	2	1	2	0	0	1	0	3	1	2	4	2	2
31	3	3	3	0	4	2	3	2	0	3	2	3	2	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2.1	2.1

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52018 1055 PRINCESS ST KINGSTON													MONTH - APR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	1	0	3	4	4	0	3	8	3	2	2	3	
2	0	2	2	4	3	1	4	2	2	3	3	0	2	
3	0	1	2	2	0	5	3	1	1	0	6	3	2	
4	2	4	0	4	4	2	1	2	3	1	1	2	2	
5	1	3	0	0	2	1	4	2	0	0	0	2	1	
6	3	2	0	2	2	1	0	3	0	2	8	7	3	
7	3	3	2	4	2	2	1	3	6	2	0	0	2	
8	0	2	0	2	5	4	1	0	0	0	2	0	1	
9	0	2	1	0	2	2	5	2	2	0	7	5	2	
10	1	0	2	3	3	2	4	----	----	4	1	2	2	
11	0	9	2	3	2	3	1	5	0	2	2	3	3	
12	0	3	2	2	5	2	3	3	5	0	3	0	2	
13	2	0	2	2	1	0	6	1	2	2	4	2	2	
14	0	1	2	4	2	4	4	5	2	0	2	0	2	
15	2	3	2	0	0	0	1	5	2	3	1	4	2	
16	3	2	0	5	2	0	2	0	0	3	0	2	2	
17	4	1	0	3	----	----	0	9	2	6	2	0	3	
18	1	1	2	2	2	0	0	5	2	2	3	2	2	
19	4	3	1	3	0	2	0	0	0	0	3	0	1	
20	3	2	2	2	5	2	2	0	1	3	3	1	2	
21	5	2	4	2	0	0	0	3	3	2	2	1	2	
22	2	0	4	3	2	0	3	3	2	2	4	2	2	
23	1	5	1	6	2	5	1	2	2	3	1	2	2	
24	0	3	0	1	0	0	1	----	0	2	2	0	2	
25	2	0	5	1	5	6	3	2	1	2	0	2	2	
26	3	2	0	0	2	0	1	0	5	2	4	0	2	
27	7	5	2	2	4	1	2	2	2	0	2	3	1	
28	3	0	2	0	1	2	1	0	2	0	2	2	2	
29	0	0	0	2	1	3	3	5	1	2	0	5	1	
30	0	3	0	0	0	4	3	1	0	0	0	0	1	
MEAN	2	2	1	2	2	2	2	2	2	2	2	2	2.0	

PERCENTAGE OF DATA VALID - 98.6

PERCENTAGE OF DATA INVALID - 1.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52018 1055 PRINCESS ST KINGSTON													MONTH - MAY 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	0	0	7	3	2	0	0	2	0	2	2	
2	2	3	1	5	4	1	2	2	3	0	4	3	3	
3	2	3	3	2	3	0	2	2	2	0	0	0	2	
4	0	0	2	7	2	1	0	0	2	0	2	0	1	
5	6	2	0	3	3	3	0	0	2	0	0	2	2	
6	3	3	0	2	2	2	3	0	0	3	5	1	2	
7	0	2	0	2	7	2	5	1	3	0	0	0	2	
8	0	3	0	2	2	3	2	0	0	2	0	0	1	
9	2	0	0	3	2	0	3	----	-	-	-	-	-----	
10	- DATA UNAVAILABLE -													
11	- DATA UNAVAILABLE -													
12	- DATA UNAVAILABLE -													
13	- DATA UNAVAILABLE -													
14	- DATA UNAVAILABLE -													
15	- DATA UNAVAILABLE -													
16	- DATA UNAVAILABLE -													
17	- DATA UNAVAILABLE -													
18	- DATA UNAVAILABLE -													
19	- DATA UNAVAILABLE -													
20	- DATA UNAVAILABLE -													
21	- DATA UNAVAILABLE -													
22	- DATA UNAVAILABLE -													
23	- DATA UNAVAILABLE -													
24	- DATA UNAVAILABLE -													
25	- DATA UNAVAILABLE -													
26	- DATA UNAVAILABLE -													
27	- DATA UNAVAILABLE -													
28	- DATA UNAVAILABLE -													
29	- DATA UNAVAILABLE -													
30	- DATA UNAVAILABLE -													
31	- DATA UNAVAILABLE -													
MEAN	2	2	1	3	4	2	2	1	2	1	1	1	1.7	

PERCENTAGE OF DATA VALID - 27.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 72.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SE NO 52018 1055 PRINCESS ST KINGSTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.0	3	9
FEB	27	1.4	2	8
MAR	31	2.1	4	13
APR	30	2.0	3	9
MAY	8	1.7	3	7
YEAR	127	1.9	4	13

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SE NO 52018 1055 PRINCESS ST KINGSTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	328	42	0	0	0	0	0	370
FEB	305	12	0	0	0	0	0	317
MAR	331	35	2	0	0	0	0	368
APR	322	33	0	0	0	0	0	355
MAY	96	7	0	0	0	0	0	103
YEAR	1382	129	2	0	0	0	0	1513

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT								MAX	ARITH MEAN
		10	30	50	70	90	95	98	99		
82.9	0	0.0	0.0	1.3	2.0	3.8	4.8	6.2	7.3	13	1.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON														MONTH - JAN 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	2	3	1	2	2	5	2	2	2	0	5	3	2		
2	2	1	0	4	1	2	0	0	3	2	0	0	1		
3	2	1	0	1	0	2	0	0	5	7	2	2	2		
4	2	2	2	2	2	2	3	2	0	2	0	3	2		
5	0	3	2	0	2	2	0	0	0	3	0	2	2		
6	3	2	0	2	2	2	0	0	0	4	2	0	1		
7	2	2	0	2	2	2	1	0	2	2	0	3	1		
8	1	1	0	0	2	0	0	1	3	1	2	0	1		
9	0	0	2	2	2	0	0	2	3	3	2	2	2		
10	0	2	5	10	6	3	3	2	2	2	2	2	3		
11	6	3	1	0	2	0	0	2	2	2	2	0	2		
12	2	0	0	0	0	2	1	0	0	0	2	2	1		
13	1	1	0	0	3	0	0	0	3	0	1	3	1		
14	0	0	0	0	1	0	3	2	3	2	1	4	1		
15	2	2	0	3	2	3	2	0	3	2	3	0	2		
16	2	0	3	2	2	0	0	0	2	2	2	0	1		
17	0	2	2	4	2	3	7	0	6	3	2	3	3		
18	0	2	3	0	2	2	***	2	3	2	0	2	2		
19	2	2	2	3	4	2	2	3	5	2	2	0	1		
20	0	2	4	0	0	0	0	0	1	0	3	4	2		
21	0	2	1	0	0	1	0	2	6	4	0	2	2		
22	2	4	0	3	1	0	3	0	6	2	2	0	1		
23	0	0	2	3	3	2	0	2	4	0	0	1	2		
24	2	0	2	2	4	2	5	3	3	2	2	4	3		
25	2	0	6	5	7	2	3	0	5	3	2	1	1		
26	1	2	0	0	0	3	0	2	5	0	5	6	3		
27	2	4	0	0	1	2	0	3	6	9	5	1	2		
28	4	3	2	1	1	0	0	3	0	2	4	1	2		
29	5	1	0	2	1	2	1	2	3	5	2	2	2		
30	0	2	4	0	6	1	2	2	0	5	2	2	2		
31	2	1	1	0	6	0	4	4	1	6	1	2	2		
MEAN	2	2	1	2	2	1	1	1	3	2	2	2	1.8		

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON														MONTH - FEB 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	1	1	0	2	2	0	0	2	2	3	4	2	2		
2	2	2	2	3	2	0	2	1	5	5	1	2	2		
3	3	0	1	3	2	1	2	2	2	0	8	4	2		
4	3	0	3	0	2	3	0	2	2	6	7	8	3		
5	2	3	2	5	7	1	0	2	2	0	8	11	3		
6	12	3	6	7	1	1	5	0	2	2	3	2	4		
7	5	0	3	1	0	6	0	0	1	10	9	9	4		
8	4	1	4	0	1	2	0	2	0	2	10	8	3		
9	1	3	3	5	3	2	1	0	4	4	5	9	3		
10	1	6	2	2	4	2	0	0	2	8	10	3	3		
11	3	2	3	7	1	0	3	3	5	6	6	1	3		
12	2	6	3	2	0	4	2	2	2	2	2	0	2		
13	2	3	2	1	3	0	2	2	0	1	3	0	2		
14	2	4	1	3	4	1	2	1	2	0	0	6	2		
15	3	2	2	0	5	2	0	1	1	3	0	5	2		
16	3	0	2	2	1	0	3	0	2	3	4	3	1		
17	0	3	0	2	0	4	0	0	0	2	0	0	1		
18	2	4	0	2	0	1	0	2	1	4	6	1	3		
19	2	4	1	1	0	3	1	2	5	0	5	8	2		
20	7	7	4	6	7	6	3	7	2	4	5	2	5		
21	4	3	4	8	4	2	0	0	0	0	0	0	2		
22	4	3	1	5	2	1	3	1	1	2	2	3	2		
23	2	3	0	2	0	3	5	4	0	4	2	0	2		
24	3	0	7	2	0	0	2	1	1	2	2	0	2		
25	4	0	0	0	3	0	2	1	2	3	3	4	1		
26	2	2	2	3	4	0	3	2	0	1	2	2	1		
27	0	3	1	3	2	2	0	0	3	0	2	2	2		
28	2	1	2	2	1	0	5	0	0	1	1	1	1		
29	0	2	3	2	2	0	2	0	0	1	1	1	1		
MEAN	3	2	2	3	2	2	2	1	2	3	4	3	2.4		

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON

MONTH - MAR 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	0	3	0	0	0	2	0	1	0	1
2	3	0	3	0	2	1	0	2	3	2	0	2	2
3	1	0	0	2	0	0	0	2	0	3	1	2	1
4	0	2	0	5	0	0	0	0	0	2	0	3	1
5	5	2	4	0	0	2	0	1	0	0	0	0	1
6	0	0	2	0	0	1	***	2	0	2	0	2	1
7	0	0	4	0	0	1	0	0	1	2	0	0	1
8	0	6	1	0	2	0	2	1	0	2	2	2	2
9	0	3	1	0	1	1	2	1	1	0	0	0	1
10	0	0	3	1	2	0	0	0	2	0	0	0	1
11	0	0	0	1	0	2	0	0	0	0	1	6	1
12	4	0	0	1	1	0	0	2	0	1	4	0	2
13	6	2	1	2	0	0	2	2	1	0	2	2	2
14	2	2	2	1	0	3	1	0	0	0	3	2	1
15	1	0	2	2	2	1	1	0	0	0	1	1	1
16	2	0	3	3	0	3	0	2	2	2	3	1	1
17	0	1	0	0	0	0	3	2	0	0	0	1	1
18	3	1	1	0	1	0	2	1	0	0	3	2	1
19	0	0	1	0	2	0	1	0	2	2	3	2	1
20	2	2	0	0	1	0	1	1	3	2	1	7	2
21	0	1	0	0	0	1	0	2	2	3	0	0	1
22	2	0	3	0	0	1	1	0	0	0	0	0	1
23	0	0	0	1	0	0	1	0	0	2	3	0	1
24	0	2	3	0	0	0	1	2	0	0	2	0	1
25	0	1	1	0	0	1	0	0	2	0	1	0	1
26	0	0	0	0	0	3	1	0	0	2	1	0	1
27	2	0	2	0	0	5	1	2	3	0	3	2	2
28	2	1	0	2	0	0	0	0	0	0	1	0	1
29	1	0	0	0	0	1	2	0	2	0	0	0	1
30	0	3	0	0	2	2	0	0	1	1	0	3	1
31	0	2	2	0	0	0	0	1	0	1	1	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON

MONTH - APR 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	1	0	3	0	0	2	0	0	0	0	1	1
2	0	0	1	0	2	0	3	0	0	3	0	1	1
3	0	0	0	0	1	0	2	0	0	3	1	0	1
4	0	3	1	2	1	1	0	0	0	2	0	0	1
5	0	0	1	0	0	1	0	0	0	0	3	1	1
6	1	2	0	2	0	0	0	0	0	1	5	4	1
7	1	0	2	1	2	1	0	2	0	2	0	0	1
8	2	2	1	0	1	0	3	6	1	0	2	0	2
9	0	0	0	0	1	2	2	2	1	1	0	2	1
10	1	0	0	2	1	2	0	0	0	0	4	2	1
11	2	0	0	2	0	2	0	0	2	3	0	0	1
12	0	5	0	0	0	0	2	2	0	2	0	3	1
13	2	0	4	0	0	0	0	0	5	0	2	1	1
14	0	2	1	2	2	0	0	2	0	2	2	0	1
15	5	3	0	0	0	3	0	0	0	0	1	0	1
16	2	2	0	2	0	0	0	2	1	0	2	1	1
17	2	0	2	1	0	0	0	0	3	0	8	0	1
18	1	0	0	0	0	2	3	3	0	2	0	0	1
19	1	0	2	2	3	1	2	0	0	0	0	6	2
20	0	2	0	0	0	0	***	***	***	***	***	***	*****
21	***	***	***	3	0	3	6	0	0	0	5	0	2
22	0	0	0	0	1	2	0	0	0	1	0	3	1
23	0	0	1	2	0	2	0	2	2	0	1	0	1
24	0	0	0	0	0	0	0	2	4	0	0	0	1
25	0	2	2	0	0	2	7	0	3	0	0	2	2
26	0	5	2	0	1	0	2	1	0	0	3	4	2
27	8	2	7	2	2	1	4	0	3	1	0	3	3
28	6	2	2	2	0	0	0	3	2	2	0	1	2
29	0	2	0	3	2	1	0	0	5	0	2	0	1
30	1	4	1	0	0	4	2	0	2	1	0	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 97.5

PERCENTAGE OF DATA INVALID - 2.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COMS/1000 FT	
STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON														MONTH - MAY 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	0	3	0	0	1	2	3	0	0	5	0	1		
2	6	7	2	0	0	5	2	0	1	0	4	0	2		
3	2	2	0	2	1	2	0	2	0	0	2	0	1		
4	2	0	0	3	0	0	0	1	0	3	2	0	1		
5	0	0	1	0	2	0	0	4	1	2	2	1	1		
6	0	0	0	2	0	0	7	2	0	2	0	0	1		
7	0	0	1	1	0	0	4	0	1	0	0	1	1		
8	0	3	2	3	0	1	2	0	0	0	3	0	1		
9	4	1	3	0	2	0	4	0	4	0	5	3	2		
10	0	0	0	0	0	2	2	0	2	0	0	0	1		
11	2	0	0	1	4	4	2	0	0	4	2	1	2		
12	0	1	2	1	2	1	1	0	0	0	0	2	1		
13	0	0	1	2	0	0	1	2	0	1	2	0	1		
14	2	0	4	1	3	0	3	0	1	2	5	2	2		
15	3	1	0	2	0	0	0	2	0	0	0	2	1		
16	0	0	0	5	2	0	0	0	0	0	0	0	2		
17	3	2	4	5	2	2	2	1	2	2	0	0	2		
18	0	2	0	0	0	0	1	0	2	2	2	3	1		
19	1	2	1	0	0	0	0	2	0	2	2	2	1		
20	0	0	3	0	2	5	0	0	2	0	0	1	1		
21	2	1	2	2	2	2	2	1	1	4	4	4	2		
22	2	2	2	0	2	0	5	0	5	2	2	2	3		
23	0	2	4	3	3	7	0	0	8	7	0	0	3		
24	3	5	6	2	3	0	2	0	7	1	3	0	0		
25	0	2	0	0	0	3	0	0	0	0	0	3	1		
26	0	0	2	0	0	0	0	0	0	3	2	4	1		
27	2	0	1	0	0	2	0	0	3	7	2	3	2		
28	1	0	0	***	***	***	***	2	0	1	1	0	1		
29	0	1	2	1	0	0	3	2	0	2	0	0	1		
30	0	1	0	2	0	5	3	2	0	2	0	0	1		
31	1	4	2	0	2	2	1	3	1	0	2	2	2		
MEAN	1	1	2	1	1	1	2	1	1	2	2	1	1.3		

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COMS/1000 FT	
STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON														MONTH - JUN 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	1	2	0	0	0	0	0	0	3	0	0	1		
2	0	0	0	1	0	0	0	0	0	2	2	0	0		
3	0	2	5	2	0	3	1	0	3	0	0	2	2		
4	0	0	0	0	0	1	0	0	0	0	0	0	0		
5	2	1	0	0	1	0	0	0	2	2	0	0	1		
6	0	0	0	5	1	3	1	0	4	1	2	0	1		
7	0	5	1	2	3	4	1	1	0	2	2	2	2		
8	0	0	0	0	1	0	0	0	0	***	-	-	0		
9	-	-	-	-	-	-	-	-	-	-	-	-	-		
10	-	-	-	-	-	3	6	2	3	0	1	1	*****		
11	2	1	0	3	0	0	2	0	2	2	0	0	2		
12	2	3	2	0	1	2	2	2	2	0	1	1	2		
13	0	2	0	1	2	0	2	1	0	0	3	3	1		
14	4	1	3	0	2	2	1	2	0	2	2	0	2		
15	1	2	2	0	0	0	0	0	2	0	2	1	1		
16	0	0	3	0	2	3	0	0	2	4	4	0	1		
17	2	0	3	0	0	4	0	1	2	0	0	2	1		
18	1	1	1	0	0	0	1	3	0	0	2	2	1		
19	2	2	1	0	2	2	0	1	0	1	0	2	1		
20	2	1	1	0	0	0	0	1	0	0	0	0	0		
21	1	0	0	0	0	0	1	5	0	0	2	0	1		
22	1	0	2	0	0	5	2	2	0	0	3	2	1		
23	4	0	0	2	0	0	2	0	2	0	0	6	1		
24	2	2	1	2	2	2	2	2	2	2	1	3	2		
25	0	2	4	2	0	0	2	4	3	1	1	2	2		
26	7	5	2	2	0	6	0	0	2	0	0	0	2		
27	1	3	1	2	0	3	3	0	0	1	0	1	1		
28	0	0	3	0	1	2	0	0	3	2	0	0	1		
29	0	2	2	2	0	0	0	5	0	0	0	0	1		
30	0	0	0	2	3	0	0	1	0	0	2	2	1		
MEAN	1	1	1	1	1	2	1	1	1	1	1	1	1.2		

PERCENTAGE OF DATA VALID - 94.4

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 5.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON														MONTH - JUL 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	0	0	0	0	0	4	0	0	0	2	0	1		
2	5	0	0	0	0	0	0	1	1	0	2	0	1		
3							- DATA INVALID -								
4							- DATA INVALID -								
5							- DATA INVALID -								
6							- DATA INVALID -								
7							- DATA INVALID -								
8							- DATA INVALID -								
9							- DATA INVALID -								
10							- DATA INVALID -								
11							- DATA INVALID -								
12							- DATA INVALID -								
13							- DATA INVALID -								
14							- DATA INVALID -								
15							- DATA INVALID -								
16							- DATA INVALID -								
17							- DATA INVALID -								
18	0	1	0	1	0	0	0	1	0	0	0	0	0		
19	0	0	1	1	0	0	2	0	2	0	2	0	0		
20	2	0	0	1	1	1	4	0	2	0	1	2	1		
21	2	1	0	0	0	0	2	1	2	0	1	2	1		
22	0	2	0	0	2	2	0	0	0	3	0	0	1		
23	0	0	0	2	1	0	1	0	1	0	0	0	0		
24	0	2	2	0	1	0	0	1	0	2	1	4	1		
25	0	1	0	0	6	0	0	0	2	1	0	2	1		
26	2	5	2	0	2	1	0	0	0	0	0	1	1		
27	2	0	1	0	2	1	3	0	2	0	1	6	2		
28	2	2	1	1	2	0	2	0	0	1	0	0	1		
29	0	0	0	2	2	1	0	0	0	0	1	2	1		
30	0	2	0	0	1	0	0	2	2	2	0	0	1		
31	0	0	2	2	0	0	1	1	0	0	2	0	1		
MEAN	1	1	1	1	1	0	1	0	1	1	1	1	0.8		

PERCENTAGE OF DATA VALID - 51.6

PERCENTAGE OF DATA INVALID - 48.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON														MONTH - AUG 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	1	0	1	0	0	5	0	2	1	2	3	1	1		
2	1	0	2	0	2	0	2	2	0	0	0	0	1		
3	2	1	0	2	0	0	0	0	2	0	0	0	1		
4	0	2	0	8	1	2	0	0	0	0	0	0	1		
5	3	1	0	2	0	0	0	2	1	2	3	2	2		
6	0	0	2	0	0	0	1	0	0	0	0	0	0		
7	2	0	0	0	0	0	2	3	0	2	0	0	1		
8	0	0	2	2	0	2	2	0	3	0	3	5	2		
9	2	0	0	0	0	3	1	0	0	1	0	0	1		
10	0	0	0	0	2	0	0	0	2	1	6	0	1		
11	0	0	5	2	2	0	0	0	1	1	2	0	1		
12	0	2	0	0	2	0	0	0	2	1	0	0	1		
13	2	2	0	1	1	0	2	0	2	0	0	0	1		
14	2	1	1	0	2	1	0	2	0	0	0	0	1		
15	2	0	2	0	0	2	1	0	0	0	3	0	1		
16	0	2	0	0	0	0	0	0	2	0	0	0	1		
17	1	2	1	3	3	0	0	0	0	0	0	0	1		
18	3	2	0	1	0	2	0	2	1	1	2	2	1		
19	2	0	2	2	2	2	2	1	2	1	2	3	2		
20	4	1	1	0	2	0	1	1	1	0	1	2	1		
21	2	1	2	0	0	1	0	2	0	0	0	0	1		
22	2	1	0	0	3	0	0	5	0	3	2	2	2		
23	0	2	0	0	0	3	2	0	0	2	0	0	1		
24	2	0	0	0	0	0	2	0	2	0	0	0	1		
25	1	1	0	0	2	2	***	0	1	0	1	2	1		
26	2	0	2	2	0	2	3	4	6	1	2	2	2		
27	1	2	5	2	2	3	2	2	2	1	0	0	2		
28	0	0	5	2	1	0	0	0	2	2	2	2	1		
29	0	0	4	2	2	2	0	2	1	2	2	0	1		
30	2	1	2	1	1	2	5	0	7	3	0	4	2		
31	2	1	0	8	2	0	1	2	0	2	3	0	2		
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.1		

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COMS/1000 FT	
STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON														MONTH - SEP 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	0	2	0	1	0	1	0	0	0	0	0	0		
2	0	0	0	0	2	0	1	0	0	0	0	0	0		
3	2	0	5	0	0	0	0	0	2	1	1	1	1		
4	1	2	1	3	1	0	0	0	0	2	0	2	1		
5	1	1	0	2	0	0	2	2	2	0	2	0	1		
6	0	0	0	0	2	0	3	0	1	1	0	1	1		
7	0	0	0	2	2	0	2	0	0	0	3	2	1		
8	3	0	2	2	2	0	0	0	0	2	0	0	1		
9	0	0	2	0	0	2	0	3	2	7	3	2	2		
10	0	0	1	0	2	2	7	0	1	0	0	0	1		
11	0	2	0	2	0	0	3	4	0	0	1	0	1		
12	0	2	2	0	2	C	C	:	:	0	C	C	1		
13	0	0	3	0	1	0	0	2	0	0	1	1	1		
14	2	0	0	2	1	1	0	0	0	0	0	0	1		
15	2	2	1	0	0	0	2	0	2	2	2	4	1		
16	2	2	0	2	3	0	2	0	0	0	1	2	0		
17	0	0	2	0	0	0	2	0	0	0	0	0	0		
18	0	0	0	0	0	0	0	2	1	0	0	2	0		
19	1	0	0	3	0	2	1	2	0	1	2	2	1		
20	0	0	0	0	2	2	4	0	0	0	0	2	1		
21	0	2	3	2	0	0	0	1	3	0	1	3	1		
22	0	2	0	2	0	2	0	2	0	2	4	0	1		
23	2	2	0	0	0	0	0	0	0	2	0	3	1		
24	0	1	2	0	0	0	3	2	0	0	0	2	1		
25	2	2	2	1	2	2	0	2	0	1	0	0	1		
26	0	0	0	3	0	0	0	0	2	0	1	0	1		
27	0	0	0	2	0	0	6	0	2	1	1	0	1		
28	0	0	6	0	0	0	2	0	0	2	2	0	1		
29	2	0	2	2	0	0	2	0	2	0	1	0	1		
30	2	2	2	4	2	2	0	2	2	0	5	0	2		
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.9		

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COMS/1000 FT	
STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON														MONTH - OCT 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	2	3	0	1	1	0	1	2	1	1	2	5	2		
2	0	2	2	3	0	0	0	1	2	3	0	2	1		
3	0	3	0	0	2	2	1	0	0	0	2	0	1		
4	4	1	1	0	2	2	3	0	0	0	0	0	1		
5	2	0	0	0	0	0	2	0	3	1	0	0	1		
6	2	2	0	2	1	0	0	0	2	1	2	1	1		
7	0	2	0	2	2	0	1	2	2	2	0	1	1		
8	0	0	2	4	2	2	2	0	0	0	0	2	1		
9	0	0	0	0	1	0	0	4	2	2	5	3	1		
10	8	8	0	1	0	2	0	0	1	0	0	0	2		
11	0	0	0	0	1	1	0	0	1	5	0	0	1		
12	0	0	2	1	1	1	0	3	2	0	1	3	1		
13	0	2	0	1	0	2	0	C	0	-	-	-	1		
14	-	-	-	****	2	0	2	3	0	5	2	5	2		
15	-	-	-	****	5	0	2	3	13	5	4	5	4		
16	2	1	7	0	3	0	2	0	0	0	0	0	3		
17	9	2	7	2	3	0	0	0	6	0	2	0	1		
18	5	0	2	0	0	0	2	0	2	0	0	0	1		
19	5	3	2	0	0	0	0	0	0	2	0	2	1		
20	2	2	9	2	0	2	2	0	4	0	2	0	2		
21	0	0	7	2	2	2	0	0	0	0	2	2	1		
22	2	0	0	3	3	3	2	0	2	4	0	2	2		
23	0	2	5	2	0	3	0	3	0	6	0	4	2		
24	5	0	3	0	2	0	0	7	3	0	0	7	2		
25	0	0	7	0	2	0	2	2	0	3	0	0	2		
26	0	0	4	0	0	0	0	2	2	0	3	0	1		
27	2	0	2	0	2	2	3	2	0	0	6	0	2		
28	****	****	****	****	****	****	****	****	2	0	0	0	****		
29	0	0	0	2	0	0	2	0	3	2	0	9	2		
30	2	3	0	3	4	2	0	2	0	2	3	0	2		
31	0	5	0	5	2	2	4	2	6	2	0	3	3		
MEAN	2	1	2	1	1	1	1	1	2	2	1	2	1.5		

PERCENTAGE OF DATA VALID - 92.7 PERCENTAGE OF DATA INVALID - 2.4 PERCENTAGE OF DATA UNAVAILABLE - 4.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SE NO S2020 CHURCHILL PK NAPIER ST KINGSTON

MONTH - NOV 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	6	0	4	3	0	1	0	4	2	0	2
2	2	6	0	0	0	3	2	1	0	6	2	3	2
3	3	2	9	0	***	2	0	3	0	0	2	0	2
4	0	0	0	0	0	3	2	2	0	2	2	2	1
5	2	0	0	3	0	0	2	5	3	1	2	5	2
6	2	0	0	3	2	1	1	2	0	0	2	0	1
7	2	0	2	5	2	1	0	2	4	4	1	0	2
8	0	0	0	0	1	0	2	0	0	5	4	5	1
9	0	1	1	0	2	0	4	2	2	1	1	0	1
10	0	3	0	2	1	1	2	0	2	0	0	1	1
11	2	0	0	0	0	0	2	3	0	2	2	0	1
12	0	0	0	0	4	2	0	0	0	4	8	2	2
13	2	0	4	0	0	1	2	3	4	2	1	2	2
14	0	2	2	2	2	0	0	0	4	2	0	0	1
15	0	2	0	0	0	0	2	2	0	5	2	0	1
16	0	0	1	4	2	0	0	2	1	3	1	3	1
17	1	4	2	1	0	3	0	2	1	3	2	0	1
18	0	1	1	2	2	1	0	0	0	2	3	2	1
19	0	0	2	2	1	0	0	1	2	0	1	3	1
20	1	2	0	8	3	3	0	4	1	0	2	2	2
21	3	2	2	1	0	0	4	0	0	0	2	0	1
22	1	2	0	4	0	0	2	2	2	2	2	0	1
23	0	3	1	4	0	0	0	1	2	2	1	0	1
24	2	3	1	1	3	0	0	3	0	7	2	2	2
25	0	0	2	1	0	2	2	2	0	0	2	0	1
26	0	0	1	0	1	5	0	0	11	14	11	4	4
27	2	2	2	0	***	***	0	0	0	0	0	5	1
28	2	3	3	0	2	0	5	5	3	0	3	0	2
29	0	3	5	0	2	3	0	0	0	2	0	0	1
30	2	3	0	5	0	0	2	0	7	0	3	0	2
MEAN	1	2	2	2	1	1	1	2	2	2	2	1	1.5

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SE NO S2020 CHURCHILL PK NAPIER ST KINGSTON

MONTH - DEC 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	2	3	5	3	2	0	0	3	9	4	3
2	2	0	3	0	3	0	2	3	0	3	2	0	2
3	0	0	0	0	0	5	0	0	0	3	2	0	1
4	0	0	0	0	0	13	0	3	3	2	2	0	2
5	0	2	0	0	2	0	2	0	3	2	0	0	1
6	0	0	3	2	0	0	0	0	0	2	4	9	2
7	2	3	7	0	2	0	0	5	0	0	0	0	2
8	3	3	5	4	3	0	0	2	2	0	0	0	2
9	0	2	3	0	0	0	2	0	5	0	3	2	1
10	0	0	0	0	0	0	0	0	2	0	5	2	1
11	3	1	0	0	2	0	0	0	0	3	3	3	1
12	5	2	3	9	0	2	0	0	0	0	0	0	2
13	0	3	1	2	4	0	2	0	0	3	0	0	1
14	2	0	0	0	0	2	0	0	7	0	2	2	2
15	2	0	3	3	0	0	0	0	0	0	3	0	1
16	0	0	3	3	0	1	2	0	0	0	0	2	1
17	0	0	0	9	2	2	2	0	0	2	0	0	1
18	1	2	0	4	0	1	2	3	0	2	0	0	1
19	0	0	2	0	2	3	0	0	3	2	0	2	1
20	0	5	2	0	2	0	0	0	0	0	0	5	1
21	2	0	3	0	3	0	0	0	0	5	0	3	1
22	0	0	2	3	0	0	0	0	0	5	3	2	1
23	0	2	3	0	2	0	0	4	0	2	3	1	2
24	0	3	2	0	0	5	1	2	2	0	0	0	1
25	0	0	0	0	0	0	0	2	2	5	7	15	3
26	9	0	2	0	0	0	0	0	0	0	0	5	1
27	2	5	7	3	2	0	0	2	0	5	2	0	2
28	13	7	7	9	0	0	0	0	2	0	0	0	3
29	0	2	2	5	3	2	2	5	3	0	4	3	3
30	0	0	2	0	0	0	2	0	2	2	2	3	1
31	0	0	0	0	4	0	5	2	0	5	3	0	2
MEAN	2	1	2	2	1	1	1	1	1	2	2	2	1.5

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.8	3	10
FEB	29	2.4	5	12
MAR	31	1.0	2	7
APR	29	1.1	3	8
MAY	31	1.3	3	8
JUN	28	1.2	2	7
JUL	16	0.8	2	6
AUG	31	1.1	2	8
SEP	30	0.9	2	7
OCT	29	1.5	4	13
NOV	30	1.5	4	14
DEC	31	1.6	3	15
YEAR	346	1.4	5	15

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	343	28	0	0	0	0	0	371
FEB	298	48	2	0	0	0	0	348
MAR	363	8	0	0	0	0	0	371
APR	336	15	0	0	0	0	0	351
MAY	348	20	0	0	0	0	0	368
JUN	327	13	0	0	0	0	0	340
JUL	188	4	0	0	0	0	0	192
AUG	359	12	0	0	0	0	0	371
SEP	354	8	0	0	0	0	0	360
OCT	315	29	1	0	0	0	0	345
NOV	334	20	3	0	0	0	0	357
DEC	335	34	3	0	0	0	0	372
YEAR	3900	237	9	0	0	0	0	4146

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
94.4	0	0.0	0.0	0.4	1.5	2.9	4.3	6.0	7.1	15	1.4

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 59008 CITY HALL 500 GEORGE ST. PETERBOROUGH

MONTH - JAN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	0	0	0	4	1	4	2	1	2	2	2
2	0	0	2	2	2	0	0	2	2	3	0	0	1
3	2	2	0	0	***	***	0	0	0	3	2	1	1
4	0	0	0	0	0	0	0	2	1	1	0	2	1
5	0	0	2	0	0	2	0	0	2	0	3	2	1
6	0	0	2	0	2	0	0	5	1	0	2	2	1
7	0	2	0	0	2	0	0	0	2	1	0	0	1
8	2	0	0	2	0	0	0	0	0	5	1	2	1
9	0	2	0	2	1	2	0	0	0	0	0	0	1
10	0	1	2	2	6	2	3	***	2	1	0	0	2
11	2	1	6	1	2	2	4	1	0	3	2	1	2
12	2	0	2	2	1	0	2	2	2	0	2	2	1
13	1	4	1	0	4	1	0	0	0	0	5	2	2
14	2	2	0	4	2	1	3	1	***	1	2	2	2
15	9	2	1	2	0	0	0	2	1	1	0	0	2
16	1	0	0	1	0	0	1	3	1	2	0	0	1
17	0	2	0	1	0	0	3	0	0	1	0	2	1
18	3	1	1	2	0	2	4	3	1	2	0	1	2
19	2	1	0	0	2	2	0	2	0	0	0	2	1
20	0	2	3	0	1	0	0	0	0	2	4	1	1
21	0	0	0	2	2	1	***	0	0	1	0	2	1
22	2	0	2	5	2	3	7	2	2	1	0	0	2
23	0	0	0	0	1	0	0	0	3	4	1	2	1
24	2	0	0	2	0	2	0	0	2	1	2	2	1
25	4	10	6	3	4	3	***	2	2	0	0	2	3
26	2	1	2	5	1	2	0	0	0	0	0	3	1
27	0	2	2	2	2	0	1	0	0	0	2	1	1
28	0	0	0	0	3	2	1	0	0	2	0	0	1
29	0	0	2	3	0	0	0	0	0	3	2	0	1
30	2	1	1	2	0	1	3	2	0	0	1	0	1
31	2	1	2	1	1	0	0	2	3	0	0	0	1
MEAN	1	1	1	2	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 1.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 59008 CITY HALL 500 GEORGE ST. PETERBOROUGH

MONTH - FEB 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	1	5	2	2	3	***	***	0	2	0	0	2
2	0	2	0	0	0	2	2	0	2	1	0	0	1
3	0	0	2	1	0	4	0	0	2	0	0	0	1
4	0	0	0	0	0	1	0	0	2	0	1	0	0
5	0	0	0	0	***	0	0	1	1	4	1	2	1
6	2	3	0	3	0	3	3	0	0	3	8	3	2
7	3	5	1	3	5	1	3	1	1	0	1	3	2
8	1	3	2	1	0	2	1	1	4	1	0	3	2
9	2	0	2	0	1	0	2	0	5	1	3	2	2
10	0	2	3	2	0	0	0	0	1	2	4	1	1
11	0	3	2	2	3	1	2	2	0	1	2	2	2
12	1	0	0	7	0	0	2	2	0	2	2	0	1
13	2	5	3	2	4	2	4	3	1	2	0	3	3
14	3	0	4	3	3	2	0	2	***	2	2	2	2
15	4	1	2	3	8	2	1	0	0	0	3	0	2
16	1	2	1	2	2	0	1	1	0	0	2	0	1
17	2	2	0	2	0	0	2	2	0	2	***	***	1
18	***	***	***	***	***	***	***	2	1	4	4	2	*****
19	0	3	1	0	0	2	3	0	3	4	3	1	2
20	3	2	3	2	2	0	3	2	2	3	2	2	2
21	2	1	0	5	2	0	0	0	0	2	0	2	1
22	0	0	2	0	0	0	2	1	3	2	0	0	1
23	3	0	0	2	1	0	2	0	0	0	1	0	1
24	0	0	0	2	1	0	2	0	2	2	0	2	1
25	0	1	3	2	0	2	0	1	0	0	0	0	1
26	2	2	0	0	0	1	3	1	1	4	2	2	2
27	2	0	2	5	2	0	1	2	0	0	0	0	1
28	2	2	0	1	0	0	2	1	2	0	2	0	1
29	0	0	1	0	3	2	1	0	0	3	2	2	1
MEAN	1	1	1	2	1	1	2	1	1	2	2	1	1.4

PERCENTAGE OF DATA VALID - 96.3

PERCENTAGE OF DATA INVALID - 3.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 59008 CITY HALL 500 GEORGE ST. PETERBOROUGH													MONTH - MAR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	2	0	2	3	0	4	1	1	0	3	1	
2	2	0	4	2	3	5	1	0	3	2	1	0	2	
3	3	2	0	9	2	***	2	2	1	1	0	0	2	
4	2	0	5	6	5	2	1	4	2	2	4	4	3	
5	2	3	2	0	0	1	0	0	2	0	2	0	1	
6	0	0	0	0	0	0	2	2	1	0	2	2	1	
7	0	0	3	2	0	0	2	***	0	4	***	***	1	
8	- DATA INVALID -													
9	- DATA INVALID -													
10	- DATA INVALID -													
11	- DATA INVALID -													
12	- DATA INVALID -													
13	- DATA INVALID -													
14	- DATA INVALID -													
15	- DATA INVALID -													
16	- DATA INVALID -													
17	- DATA INVALID -													
18	- DATA INVALID -													
19	- DATA INVALID -													
20	- DATA INVALID -													
21	- DATA INVALID -													
22	- DATA INVALID -													
23	- DATA INVALID -													
24	- DATA INVALID -													
25	- DATA INVALID -													
26	- DATA INVALID -													
27	- DATA INVALID -													
28	- DATA INVALID -													
29	- DATA INVALID -													
30	- DATA INVALID -													
31	- DATA INVALID -													
MEAN	1	1	2	3	2	2	1	2	1	1	2	2	1.6	

PERCENTAGE OF DATA VALID - 21.5 PERCENTAGE OF DATA INVALID - 78.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 59008 CITY HALL 500 GEORGE ST. PETERBOROUGH													MONTH - APR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1							- DATA INVALID -							
2							- DATA INVALID -							
3							- DATA INVALID -							
4							- DATA INVALID -							
5							- DATA INVALID -							
6							- DATA INVALID -							
7							- DATA INVALID -							
8							- DATA INVALID -							
9							- DATA UNAVAILABLE -							
10							- DATA UNAVAILABLE -							
11							- DATA UNAVAILABLE -							
12							- DATA UNAVAILABLE -							
13							- DATA UNAVAILABLE -							
14							- DATA UNAVAILABLE -							
15							- DATA UNAVAILABLE -							
16							- DATA UNAVAILABLE -							
17	****	****	****	****	****	****	1	0	3	2	0	2	*****	
18	2	4	1	5	4	2	5	3	0	3	3	2		
19	5	7	11	3	0	3	3	3	3	2	6	7		
20	6	6	5	3	0	3	1	0	0	4	2	4		
21	1	0	5	2	3	1	3	0	0	2	1	2		
22	6	2	1	2	3	2	2	2	3	4	2	1		
23	1	2	0	1	2	0	0	3	1	1	0	2		
24	2	0	2	0	4	0	3	5	1	1	0	2		
25	2	1	2	2	4	2	2	5	2	1	2	3		
26	2	2	0	3	2	0	3	2	2	2	10	14		
27	9	8	3	2	0	0	0	0	0	0	3	1		
28	0	4	3	2	6	0	2	0	0	0	3	2		
29	2	2	2	2	2	4	0	2	5	1	0	2		
30	0	3	0	2	2	0	5	2	0	0	4	1		
MEAN	3	3	3	2	2	1	2	2	1	2	3	3	2.3	

PERCENTAGE OF DATA VALID - 45.0 PERCENTAGE OF DATA INVALID - 28.3 PERCENTAGE OF DATA UNAVAILABLE - 26.7

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH													MONTH - MAY 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	4	3	3	2	2	1	0	2	5	3	3	2	
2	2	1	3	8	2	2	0	0	4	0	5	0	2	
3	2	2	5	0	2	0	5	6	2	1	3	0	2	
4	3	2	1	2	2	2	2	1	2	2	3	1	2	
5	3	2	4	3	2	0	5	0	2	3	5	2	3	
6	0	3	0	3	0	2	0	2	3	2	2	2	2	
7	3	4	1	6	0	3	0	0	1	2	3	2	2	
8	2	0	0	3	1	0	2	0	2	3	3	2	2	
9	3	0	2	4	0	2	0	1	0	1	0	2	1	
10	0	2	1	2	2	2	2	0	0	4	5	3	2	
11	2	3	5	2	7	4	0	2	2	0	4	3	3	
12	2	2	4	4	1	0	3	2	2	2	3	1	2	
13	0	2	1	5	1	2	2	6	0	3	4	0	2	
14	2	0	1	4	2	2	3	0	4	0	0	1	2	
15	2	0	2	3	2	1	0	1	2	0	4	1	2	
16	0	4	0	2	2	1	0	1	2	0	5	3	2	
17	2	2	2	1	2	3	0	2	2	4	2	0	2	
18	4	3	1	2	1	1	2	2	2	3	0	0	2	
19	3	1	1	3	3	1	2	5	0	0	0	1	2	
20	1	1	2	2	3	3	0	1	1	0	2	3	2	
21	2	3	5	4	4	0	2	5	0	2	5	2	3	
22	3	2	1	7	2	2	4	2	2	2	2	2	3	
23	3	4	2	4	1	1	4	0	2	2	1	5	2	
24	2	4	2	0	1	2	1	5	6	2	2	0	2	
25	2	2	0	2	0	2	2	0	0	0	1	2	1	
26	2	0	0	2	2	3	4	2	2	2	2	0	2	
27	1	2	0	1	2	1	2	2	2	0	0	1	1	
28	1	2	2	0	0	2	1	0	0	4	0	2	1	
29	0	2	3	3	0	0	0	0	0	0	0	0	1	
30	4	0	2	4	0	7	5	0	5	5	5	2	3	
31	1	3	2	5	7	5	2	2	3	2	2	2	3	
MEAN	2	2	2	3	2	2	2	2	2	2	2	2	1.9	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH													MONTH - JUN 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	2	2	2	0	1	2	0	1	5	3	2	
2	0	0	3	0	2	2	4	2	2	0	1	6	2	
3	2	0	3	2	4	0	2	1	5	2	3	0	2	
4	0	4	4	2	1	2	0	4	0	4	2	2	2	
5	4	2	3	2	1	2	2	0	3	3	7	4	3	
6	3	4	1	0	1	3	2	0	1	2	5	2	2	
7	0	0	1	7	0	3	2	0	3	5	4	6	3	
8	1	0	4	1	0	0	1	5	1	1	2	0	1	
9	0	2	0	3	5	6	0	3	0	0	2	0	2	
10	0	4	4	2	2	0	2	4	2	5	0	0	2	
11	2	1	2	2	2	0	2	2	5	2	3	2	2	
12	7	7	4	0	3	2	1	0	1	2	5	2	0	
13	5	3	5	2	7	2	8	0	2	4	2	5	4	
14	5	3	11	5	5	4	5	8	3	4	3	2	5	
15	2	6	3	0	2	0	2	5	2	1	0	0	2	
16	4	0	2	4	0	0	2	1	2	2	0	1	2	
17	0	2	1	2	2	5	0	2	5	1	4	5	2	
18	2	4	2	2	0	1	4	1	2	3	2	8	3	
19	5	2	0	3	4	1	2	4	7	0	5	1	3	
20	2	2	2	5	1	2	4	1	0	2	6	2	2	
21	0	0	3	2	2	2	0	2	2	1	0	0	1	
22	3	7	0	2	1	4	0	2	2	0	4	3	2	
23	1	7	2	3	4	4	***	0	2	0	2	4	3	
24	3	7	3	3	0	8	5	5	1	7	2	8	4	
25	2	3	5	2	2	3	2	2	1	2	2	2	3	
26	3	2	5	5	4	3	***	***	4	3	3	1	3	
27	0	0	5	5	4	3	0	0	0	0	2	4	2	
28	4	0	2	0	0	1	2	0	1	2	3	0	1	
29	2	1	8	2	0	3	2	0	4	4	2	0	2	
30	5	0	1	2	0	6	4	4	1	0	2	2	2	
MEAN	2	3	3	3	2	2	2	2	2	2	3	3	2.4	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH														MONTH - JUL 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	6	0	0	0	1	2	3	0	2	1	2	1		
2	0	1	4	5	0	7	3	0	2	3	2	4	3		
3	0	4	3	0	6	1	0	2	1	0	2	3	2		
4	5	1	2	0	0	2	1	1	0	7	1	9	2		
5	4	3	3	4	4	0	4	4	0	5	0	0	3		
6	0	2	3	2	0	0	1	0	3	3	2	2	2		
7	2	0	0	3	0	0	1	0	5	0	4	0	1		
8	2	3	2	9	2	2	2	2	2	0	3	2	3		
9	6	2	0	4	0	-	-	-	-	-	-	-	*****		
10	- DATA UNAVAILABLE -														
11	- DATA UNAVAILABLE -														
12	- DATA UNAVAILABLE -														
13	- DATA UNAVAILABLE -														
14	- DATA UNAVAILABLE -														
15	- DATA UNAVAILABLE -														
16	- DATA UNAVAILABLE -														
17	- DATA UNAVAILABLE -														
18	- DATA UNAVAILABLE -														
19	- DATA UNAVAILABLE -														
20	- DATA UNAVAILABLE -														
21	- DATA UNAVAILABLE -														
22	- DATA UNAVAILABLE -														
23	-	-	-	-	-	-	0	0	0	1	1	0	*****		
24	1	1	1	3	0	4	0	0	0	1	3	1	1		
25	1	1	2	2	1	2	5	1	2	0	2	0	2		
26	1	2	0	2	1	2	2	0	3	2	6	0	2		
27	5	2	2	1	2	0	0	1	2	3	2	2	2		
28	5	2	2	3	2	1	0	5	2	4	1	2	2		
29	3	1	0	1	2	0	0	1	2	2	0	2	1		
30	3	0	0	0	2	0	2	0	2	0	1	1	1		
31	0	2	4	1	3	0	2	2	0	2	1	1	2		
MEAN	2	2	2	2	1	1	2	1	2	2	2	2	1.8		

PERCENTAGE OF DATA VALID - 54.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 45.7

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH														MONTH - AUG 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	2	1	1	7	0	3	2	0	2	1	6	2		
2	2	3	2	0	2	3	1	1	0	5	0	2	2		
3	2	2	0	3	0	0	0	2	3	0	1	0	1		
4	2	2	3	0	0	4	0	0	0	3	1	2	0		
5	0	2	2	2	0	4	3	0	4	0	5	1	1		
6	0	0	2	2	0	2	2	2	2	0	2	2	2		
7	2	2	5	2	2	0	2	2	2	0	1	2	1		
8	0	1	0	1	1	0	2	2	2	0	0	2	1		
9	3	0	3	0	2	0	1	2	2	0	0	2	1		
10	2	1	0	2	0	6	0	0	0	2	2	3	2		
11	1	0	1	1	2	2	2	1	0	0	2	2	-		
12	0	3	0	2	2	0	4	0	2	0	0	1	1		
13	1	0	5	1	0	0	2	0	0	1	2	3	2		
14	1	4	0	1	2	6	3	0	0	0	1	0	1		
15	0	0	3	0	2	1	0	0	1	0	2	0	1		
16	0	0	1	4	1	0	2	2	2	1	0	0	1		
17	2	0	2	0	2	1	0	0	0	2	0	2	1		
18	0	0	2	3	0	2	1	2	0	0	1	2	1		
19	1	2	0	4	0	2	1	0	2	2	1	2	1		
20	2	1	1	0	2	3	0	2	1	2	1	2	1		
21	4	0	0	3	1	0	0	0	1	3	1	4	1		
22	1	1	1	2	2	0	2	2	1	0	3	0	1		
23	1	2	2	0	3	1	0	0	2	1	2	0	1		
24	0	1	1	0	2	0	1	2	1	2	1	2	1		
25	0	3	0	2	1	1	0	2	0	3	2	2	1		
26	3	2	2	1	4	2	0	1	2	2	1	1	2		
27	2	0	2	4	2	3	1	2	2	3	2	0	2		
28	0	0	1	1	0	2	1	1	2	1	4	0	1		
29	2	2	2	3	2	2	2	1	2	2	1	3	2		
30	1	1	2	0	1	2	1	0	2	3	4	0	1		
31	2	1	3	2	0	0	2	2	0	1	2	0	1		
MEAN	1	1	2	2	1	2	1	1	1	1	2	1	1.4		

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH													
MONTH - SEP 80													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	0	3	0	2	0	2	0	5	0	0	1
2	0	4	2	2	2	3	4	0	2	2	0	0	2
3	0	4	2	2	3	0	1	0	1	3	2	0	2
4	2	0	2	2	3	2	0	3	0	2	0	0	1
5	2	2	0	4	3	2	1	0	2	0	2	2	2
6	1	0	2	1	1	4	3	0	4	0	2	4	2
7	2	2	0	2	0	1	0	3	2	0	0	2	1
8	1	1	0	4	0	0	***	2	2	3	2	6	2
9	2	0	1	2	2	2	4	2	2	2	0	0	2
10	0	0	0	1	3	0	0	0	0	2	1	1	1
11	1	0	2	3	2	2	0	2	0	0	0	2	1
12	0	0	0	3	0	0	2	2	0	2	2	0	1
13	1	0	2	2	0	2	0	2	0	2	4	0	1
14	2	2	1	2	3	1	0	3	1	0	0	0	1
15	2	2	0	4	1	0	0	0	2	1	0	5	1
16	3	7	3	3	3	2	0	2	0	0	0	0	2
17	2	2	2	4	2	1	5	0	2	2	0	3	2
18	2	1	0	2	0	3	0	0	3	0	1	2	1
19	1	0	0	5	2	0	1	1	1	3	3	3	2
20	4	2	2	2	2	1	2	0	6	6	1	3	3
21	0	2	0	2	3	0	3	0	2	2	2	0	1
22	2	1	0	4	3	2	3	1	2	2	3	2	2
23	0	4	2	0	1	0	0	0	3	1	2	2	1
24	3	2	0	4	2	3	1	0	4	2	5	0	2
25	2	2	2	3	2	1	4	0	4	3	4	1	2
26	5	0	0	3	1	2	0	4	2	0	2	0	1
27	0	2	1	2	2	0	2	1	2	0	2	2	1
28	1	2	0	2	1	1	2	0	2	1	2	6	2
29	2	2	0	6	0	0	3	2	4	4	2	4	4
30	2	4	6	6	6	0	3	4	4	4	2	4	4
MEAN	2	2	1	3	2	1	1	1	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COHS/1000 FT													
STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH													
MONTH - OCT 80													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	5	2	7	2	5	0	2	2	3	1	4	3
2	0	0	0	0	1	1	0	1	2	2	1	5	1
3	0	1	0	0	1	3	0	1	2	2	1	1	1
4	2	2	0	3	2	2	0	3	2	2	1	0	2
5	0	1	2	2	2	0	1	0	1	2	1	2	1
6	1	1	2	2	2	***	***	2	2	5	5	0	2
7	6	1	8	2	7	0	7	2	5	3	7	3	4
8	0	3	4	4	2	1	2	0	6	3	2	4	3
9	0	0	1	6	4	0	0	0	2	5	3	0	2
10	3	6	5	3	2	2	2	3	0	8	6	2	4
11	1	2	1	2	4	2	4	2	2	2	0	3	2
12	0	0	0	2	3	0	2	1	5	0	0	1	1
13	2	0	4	0	2	0	2	0	2	0	2	0	1
14	0	0	1	2	2	3	0	0	6	2	1	4	2
15	5	0	5	4	0	2	0	5	4	5	12	6	4
16	2	2	2	3	1	2	2	5	2	3	2	5	3
17	3	4	3	10	6	2	5	3	2	0	1	4	4
18	1	0	0	3	0	4	1	2	0	1	1	0	1
19	2	4	2	0	0	4	0	2	0	2	2	0	2
20	0	0	3	2	4	2	0	0	4	4	1	4	2
21	0	2	6	2	6	1	2	1	2	0	1	1	2
22	3	2	3	1	3	2	3	2	0	3	2	3	2
23	1	2	5	5	0	4	0	0	6	4	10	2	3
24	0	2	3	2	2	0	2	3	1	3	0	0	2
25	8	0	0	2	0	3	0	0	2	2	2	0	1
26	0	1	4	0	2	0	1	2	2	0	0	3	1
27	2	0	2	2	1	3	0	0	6	1	3	1	2
28	2	2	4	3	4	0	0	3	4	1	2	5	3
29	0	2	5	0	5	2	0	2	2	3	1	2	2
30	6	1	2	2	1	0	4	1	7	2	2	1	2
31	1	4	3	8	3	3	2	3	1	0	2	0	2
MEAN	2	2	3	3	2	2	1	2	3	2	2	2	2.1

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH													MONTH - NOV 80	
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	3	0	4	2	2	5	0	3	2	1	2	2	2
2	2	1	0	0	2	1	2	0	2	12	14	8	4	4
3	2	4	0	5	1	2	1	2	6	7	4	3	3	3
4	2	1	5	1	1	2	1	5	2	4	0	0	2	2
5	2	1	2	0	2	2	2	2	2	4	5	5	2	2
6	6	1	6	0	8	7	3	2	4	7	5	3	4	4
7	7	12	9	9	21	15	4	7	8	12	9	5	10	10
8	0	0	2	0	1	3	1	4	0	2	0	3	1	1
9	0	5	2	0	2	0	6	3	0	2	5	2	2	2
10	1	0	0	0	0	3	0	0	2	1	0	2	1	1
11	5	1	3	2	2	0	0	3	2	4	3	0	2	2
12	0	2	1	2	3	2	0	4	2	1	2	0	1	1
13	2	0	4	0	9	4	8	9	9	12	12	7	6	6
14	6	6	6	2	8	2	3	2	0	0	4	7	4	4
15	2	2	3	9	2	2	4	1	2	0	3	0	3	3
16	0	2	2	5	4	0	0	2	2	8	12	16	4	4
17	13	13	2	8	5	3	3	2	1	3	1	0	5	5
18	2	2	1	5	2	2	2	0	2	5	0	3	2	2
19	0	2	0	4	3	4	4	2	12	3	0	1	3	3
20	4	2	4	14	12	3	5	4	4	3	6	6	6	6
21	6	5	2	6	2	8	4	2	2	6	-	-	4	4
22							- DATA UNAVAILABLE -							
23							- DATA UNAVAILABLE -							
24							- DATA UNAVAILABLE -							
25							- DATA UNAVAILABLE -							
26							- DATA UNAVAILABLE -							
27							- DATA UNAVAILABLE -							
28	-	-	-	-	-	-	****	0	2	4	5	2	*****	2
29	2	3	1	5	2	0	2	2	2	1	2	0	2	1
30	2	0	2	0	2	1	1	0	2	0	4	2	1	1
MEAN	3	3	2	4	4	3	3	2	3	4	4	3	3.2	

PERCENTAGE OF DATA VALID - 76.7

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 22.2

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH													MONTH - DEC 80	
HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	4	5	3	0	8	2	1	6	4	8	6	13	5	5
2	6	2	0	1	4	0	7	9	4	0	0	0	3	3
3	2	0	0	0	3	0	3	3	0	2	0	3	1	1
4	1	2	0	0	6	3	0	2	2	4	10	3	3	3
5	5	2	4	2	4	2	2	1	7	4	20	13	6	6
6	12	14	12	12	10	2	2	3	2	1	1	2	6	6
7	2	2	2	2	2	0	5	2	2	3	2	5	2	2
8	6	9	8	7	6	8	9	0	2	4	2	0	5	5
9	2	2	2	1	6	1	0	0	2	4	0	3	2	2
10	5	0	2	2	2	6	0	0	5	0	2	4	2	2
11	1	2	0	5	2	5	2	2	0	1	2	3	2	2
12	4	2	0	4	4	1	3	3	0	4	2	2	3	3
13	1	2	3	2	2	2	0	2	4	2	4	6	3	3
14	4	5	0	6	0	0	3	0	4	5	4	2	3	3
15	6	3	2	0	6	2	2	2	4	8	3	0	3	3
16	0	3	2	0	2	0	3	2	6	3	2	1	2	2
17	2	0	0	7	8	4	5	1	7	4	8	2	4	4
18	1	1	4	4	5	0	2	1	3	3	1	0	2	2
19	1	2	0	6	2	2	0	0	2	4	2	12	3	3
20	4	2	5	2	12	2	6	2	2	2	2	4	4	4
21	5	0	1	0	2	1	3	1	3	5	9	8	3	3
22	12	6	5	5	12	8	2	3	0	4	4	2	5	5
23	2	0	5	5	13	12	3	5	8	6	8	2	6	6
24	5	3	8	7	2	5	1	0	4	0	3	2	3	3
25	0	2	2	2	2	3	0	3	2	10	13	10	4	4
26	12	5	7	1	5	3	2	1	3	2	6	4	4	4
27	8	8	6	0	3	1	2	3	3	3	0	4	3	3
28	0	2	5	3	5	9	5	6	4	7	5	3	5	5
29	8	8	1	7	6	8	7	5	3	6	3	0	5	5
30	0	2	2	0	4	0	0	0	9	7	4	6	3	3
31	2	5	0	2	5	1	0	1	5	6	8	3	3	3
MEAN	4	3	3	3	5	3	3	2	3	4	4	4	3.5	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.2	3	10
FEB	28	1.4	3	8
MAR	7	1.6	3	8
APR	13	2.3	4	14
MAY	31	1.9	3	8
JUN	30	2.4	5	11
JUL	16	1.8	2	9
AUG	31	1.4	2	7
SEP	30	1.6	4	7
OCT	31	2.1	4	12
NOV	23	3.2	10	21
DEC	31	3.5	6	20
YEAR	302	2.1	10	21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - C NO 59006 CITY HALL 500 GEORGE ST. PETERBOROUGH

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	355	11	0	0	0	0	0	366
FEB	325	10	0	0	0	0	0	335
MAR	75	5	0	0	0	0	0	80
APR	141	19	2	0	0	0	0	162
MAY	341	31	0	0	0	0	0	372
JUN	301	55	1	0	0	0	0	357
JUL	186	16	0	0	0	0	0	202
AUG	364	8	0	0	0	0	0	372
SEP	344	14	0	0	0	0	0	358
OCT	323	46	1	0	0	0	0	370
NOV	208	53	13	1	1	0	0	276
DEC	262	95	14	1	0	0	0	372
YEAR	3225	363	31	2	1	0	0	3622

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
82.5	0	0.0	0.1	1.3	1.9	4.2	5.6	7.7	9.7	21	2.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COMS/1000 FT													
STATION - NW NO 63022 HOSPITAL 35 ALGOMA ST NORTH, THUNDER BAY													
MONTH - JAN 80													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	0	0	0	0	0	2	1	2	2	1	1
2	0	2	0	0	2	0	0	0	0	0	0	0	0
3	0	0	0	0	2	2	0	3	5	6	4	2	2
4	3	2	0	2	2	5	4	3	5	4	3	4	3
5	2	0	2	1	2	3	2	0	1	2	1	3	2
6	1	2	2	1	0	3	5	3	0	2	2	1	2
7	0	0	2	0	3	0	1	1	2	1	2	2	1
8	2	0	3	2	2	1	2	1	2	0	2	3	2
9	1	1	1	2	5	0	2	0	2	2	4	3	2
10	0	3	1	1	1	2	0	2	1	1	2	2	1
11	2	2	2	4	5	0	1	0	0	3	2	0	2
12	3	0	0	0	0	3	0	2	3	3	3	2	2
13	1	2	0	2	3	2	2	0	3	3	3	2	2
14	3	3	2	3	2	2	***	3	2	4	1	2	2
15	2	1	2	2	3	3	7	2	3	2	3	2	3
16	5	6	3	5	5	5	4	4	4	0	0	2	4
17	2	1	0	2	2	2	0	2	0	4	0	2	1
18	1	0	2	1	2	1	1	2	3	0	0	2	1
19	2	2	0	0	1	0	2	0	0	2	2	1	1
20	0	0	2	4	2	0	2	2	2	8	4	4	3
21	2	4	0	5	3	9	6	5	2	7	5	5	4
22	0	3	0	0	2	0	2	0	3	0	0	1	1
23	2	1	0	0	0	0	3	1	1	5	4	3	2
24	0	3	1	3	2	2	2	0	3	3	2	1	2
25	2	3	0	3	3	3	1	2	2	1	0	2	2
26	1	1	0	1	0	2	2	2	2	4	2	2	2
27	2	1	2	2	2	0	3	1	3	2	1	3	2
28	3	0	0	2	2	2	3	2	3	2	2	4	3
29	1	1	2	2	5	4	0	2	2	3	8	4	3
30	2	2	2	0	5	4	3	5	5	5	2	4	3
31	2	0	2	3	7	4	4	2	2	5	5	8	4
MEAN	2	1	1	2	2	2	2	2	2	3	2	2	2.0

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COMS/1000 FT													
STATION - NW NO 63022 HOSPITAL 35 ALGOMA ST NORTH, THUNDER BAY													
MONTH - FEB 80													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	2	2	0	3	4	5	2	4	7	7	2	4
2	3	0	2	2	6	3	2	3	2	3	2	5	3
3	1	0	4	0	3	2	3	0	2	5	3	0	2
4	2	3	0	1	3	8	4	2	3	2	3	3	3
5	2	2	1	2	4	2	3	2	0	2	0	3	2
6	0	2	2	0	2	3	2	2	2	5	9	3	3
7	2	2	2	2	2	5	3	2	3	6	7	4	3
8	2	0	5	2	4	11	3	2	1	3	2	3	3
9	5	3	2	0	4	6	5	2	3	2	1	4	3
10	2	2	3	3	4	2	2	0	2	2	2	2	2
11	2	2	2	3	2	0	0	0	0	5	3	2	2
12	2	1	2	3	5	0	3	3	3	2	5	1	3
13	2	3	1	2	3	2	0	0	2	4	2	1	2
14	0	3	0	2	2	3	1	2	2	2	4	2	2
15	1	7	2	2	2	2	0	2	1	1	2	1	2
16	2	0	3	0	2	2	2	2	3	2	3	0	2
17	5	3	0	0	2	2	2	2	2	2	0	0	3
18	3	3	2	3	5	7	8	5	2	3	3	3	2
19	2	2	0	2	3	3	1	3	2	0	3	2	2
20	2	2	3	3	2	2	3	2	0	2	2	2	2
21	1	2	2	3	4	1	2	3	2	2	0	2	2
22	2	1	3	3	8	5	3	3	5	1	2	1	3
23	0	4	2	2	2	3	0	2	2	2	4	5	2
24	3	1	1	2	2	0	2	2	2	1	2	3	2
25	2	0	3	2	2	3	1	0	0	4	2	3	2
26	1	3	3	3	7	2	3	3	3	2	0	3	3
27	1	1	2	2	3	1	0	2	0	4	1	4	2
28	3	***	0	0	3	3	0	4	1	3	2	0	2
29	1	0	2	2	2	***	0	2	5	0	3	5	2
MEAN	2	2	2	2	3	3	2	2	2	3	3	3	2.3

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COMS/1000 FT													
STATION - NW NO 63022 HOSPITAL 35 ALGOMA ST NORTH, THUNDER BAY													
MONTH - MAR 80													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	4	3	3	2	2	1	0	2	5	6	3
2	2	2	3	1	2	2	0	2	1	2	7	5	2
3	3	0	3	5	5	3	1	0	4	0	2	2	2
4	0	2	0	2	0	2	2	0	0	5	3	2	2
5	2	0	1	0	2	2	5	0	2	2	3	2	2
6	2	4	0	2	1	4	2	2	2	2	2	2	2
7	3	2	4	1	4	0	3	2	4	2	2	0	2
8	5	2	0	0	2	2	2	3	2	2	0	2	2
9	3	1	0	2	0	2	2	0	3	2	2	3	2
10	3	2	4	1	0	0	0	0	2	2	0	0	1
11	0	2	0	0	0	1	0	3	2	3	3	2	1
12	0	2	4	2	4	0	2	1	1	2	0	4	2
13	0	2	2	4	1	1	4	4	0	1	3	3	2
14	0	2	0	2	6	1	0	2	0	3	0	6	2
15	3	0	0	0	2	2	3	0	1	0	0	2	1
16	0	0	1	1	4	2	4	1	2	3	2	2	2
17	2	1	3	3	1	1	3	1	5	0	2	0	2
18	6	1	1	1	4	3	1	2	2	2	3	6	3
19	2	2	1	1	3	0	2	5	5	3	4	3	3
20	1	2	2	4	3	0	3	2	3	0	2	0	2
21	0	6	2	2	4	0	1	0	2	2	5	2	2
22	2	1	3	2	2	2	3	0	4	2	3	2	2
23	2	2	0	2	3	0	2	2	0	0	2	0	1
24	2	3	0	0	0	3	1	2	2	2	0	0	1
25	2	2	1	3	1	5	2	3	2	1	5	3	3
26	2	4	2	0	7	3	5	2	2	3	2	2	3
27	1	1	4	0	3	2	0	2	4	2	4	1	2
28	2	2	0	4	2	2	2	2	1	2	1	3	2
29	1	3	2	2	0	2	2	0	1	0	3	2	2
30	4	2	1	3	2	0	2	0	2	4	2	0	2
31	5	1	4	3	3	3	3	0	3	4	3	1	3
MEAN	2	2	2	2	2	2	2	1	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
2. ** INDICATES DATA IS UNAVAILABLE
3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COMS/1000 FT													
STATION - NW NO 63022 HOSPITAL 35 ALGOMA ST NORTH, THUNDER BAY													
MONTH - APR 80													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	1	3	0	2	2	3	2	0	3	2	2
2	2	0	3	2	5	4	0	1	0	0	3	2	2
3	2	0	5	3	3	4	3	3	2	2	2	3	3
4	1	4	2	2	1	3	1	0	4	1	2	0	1
5	0	3	0	1	2	0	3	1	1	3	0	0	1
6	2	0	2	2	2	0	3	0	0	2	1	0	1
7	0	2	0	4	4	3	3	2	2	1	1	2	2
8	0	1	0	0	2	2	3	0	0	4	2	0	1
9	0	0	4	1	2	2	0	2	0	3	2	2	2
10	2	4	0	2	2	2	2	2	0	2	3	0	2
11	4	0	2	0	2	1	2	0	1	2	2	1	1
12	0	3	1	2	4	2	1	2	2	2	2	2	2
13	3	2	2	2	2	2	3	3	2	2	0	2	2
14	1	2	3	4	0	3	4	2	2	0	2	0	2
15	2	2	2	0	2	0	2	2	1	3	0	2	2
16	0	1	0	3	****	2	0	0	3	0	0	0	1
17	2	2	0	5	2	1	2	0	0	2	2	1	2
18	0	2	0	3	2	4	6	2	0	4	4	3	3
19	4	0	2	0	7	3	2	1	1	0	1	2	2
20	0	1	2	2	2	2	3	3	1	2	4	1	2
21	0	0	2	0	2	0	2	0	2	2	0	4	1
22	0	5	6	2	3	3	1	2	1	2	0	2	2
23	0	2	0	2	0	2	0	1	0	0	0	0	1
24	0	2	2	1	3	2	1	1	1	0	1	1	1
25	0	0	0	1	0	2	1	0	0	2	0	2	1
26	2	0	2	0	2	2	1	3	1	0	0	0	1
27	1	3	0	0	1	2	0	0	2	0	1	1	1
28	0	4	0	3	0	1	1	4	3	2	0	2	2
29	0	2	4	2	1	3	0	2	6	3	3	2	2
30	0	0	0	2	2	1	2	0	0	1	2	5	1
MEAN	1	2	2	2	2	2	2	1	1	2	2	1	1.6

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
2. ** INDICATES DATA IS UNAVAILABLE
3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES										UNITS - 0.1 COMS/1000 FT			
STATION - NW NO 63022 HOSPITAL 35 ALGOMA ST NORTH, THUNDER BAY										MONTH - MAY 80			
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	2	3	5	2	3	2	2	6	1	3
2	4	2	0	2	5	4	3	2	1	2	3	4	3
3	2	0	3	2	0	3	7	2	2	0	3	1	2
4	3	2	3	2	2	0	0	0	3	2	5	0	2
5	4	0	2	3	2	2	0	2	0	0	0	5	2
6	2	0	2	2	1	2	0	3	0	0	1	2	1
7	0	0	2	0	0	5	0	2	0	0	3	0	1
8	0	0	2	3	0	0	0	0	2	0	2	0	1
9	0	2	0	3	3	0	0	0	3	0	0	3	1
10	2	2	0	0	3	0	0	3	2	2	5	0	2
11	2	0	3	2	2	0	0	2	0	2	0	0	1
12	0	3	0	2	0	2	0	0	2	0	0	2	2
13	0	0	5	0	0	2	0	2	0	2	5	2	2
14	0	0	0	2	0	0	2	0	3	2	5	3	1
15	3	0	2	5	0	2	5	2	5	3	5	3	3
16	5	0	0	0	9	5	4	2	2	0	0	0	2
17	3	0	3	3	4	2	3	0	0	0	2	0	1
18	2	0	2	0	1	3	0	0	1	6	2	2	2
19	4	2	0	0	1	1	1	3	5	3	2	3	2
20	2	2	2	2	2	4	1	0	5	2	2	2	2
21	0	0	2	2	3	1	2	3	5	8	5	1	3
22	3	1	3	9	7	3	2	3	5	8	4	5	4
23	3	3	2	3	6	2	2	2	3	3	3	2	3
24	5	2	2	1	6	1	2	3	1	3	3	2	3
25	2	3	2	3	4	5	1	3	1	2	2	2	3
26	1	2	0	2	3	2	2	1	2	1	0	3	2
27	2	0	0	4	2	2	1	0	3	0	1	3	2
28	2	0	0	2	2	2	0	0	2	0	2	1	1
29	0	2	5	2	2	3	2	3	2	2	1	2	2
30	0	3	2	5	2	***	2	2	0	2	1	2	2
31	1	1	0	0	0	0	0	0	3	0	0	0	0
MEAN	2	1	2	2	2	2	1	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES										UNITS - 0.1 COMS/1000 FT			
STATION - NW NO 63022 HOSPITAL 35 ALGOMA ST NORTH, THUNDER BAY										MONTH - JUN 80			
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	1	1	0	2	1	3	2	0	2	0	1
2	1	0	0	3	2	2	2	0	2	3	0	1	1
3	1	0	4	0	2	0	2	2	0	3	0	0	1
4	2	0	2	3	2	1	8	1	2	2	1	2	2
5	0	2	1	3	1	1	0	2	3	2	2	0	2
6	0	0	0	2	5	0	4	0	3	2	4	0	2
7	3	0	0	0	3	0	0	0	2	1	1	1	1
8	0	0	1	2	2	0	2	0	2	0	3	3	1
9	2	0	0	0	0	0	0	0	0	2	0	2	1
10	2	0	0	0	1	0	1	0	0	2	0	0	1
11	6	1	2	2	2	6	2	1	0	1	0	3	2
12	0	3	0	2	0	1	2	5	2	0	2	0	1
13	2	1	1	2	1	1	0	1	2	1	2	0	1
14	2	2	0	1	2	0	2	0	0	0	2	3	1
15	0	0	0	2	0	1	0	0	1	6	0	0	1
16	0	3	0	0	4	2	0	0	1	0	3	1	1
17	3	0	0	1	2	2	1	0	0	0	0	0	1
18	2	0	0	0	2	2	1	2	0	0	0	0	1
19	2	2	0	0	2	2	4	0	0	2	0	2	1
20	2	3	0	0	0	0	3	2	0	1	5	7	2
21	10	2	0	5	1	0	1	0	2	0	7	0	2
22	0	0	0	1	0	3	0	1	3	2	2	0	1
23	1	3	4	7	5	2	1	2	2	2	2	0	3
24	2	1	2	7	2	0	0	3	2	3	2	2	2
25	0	3	0	4	2	0	0	0	2	0	3	2	1
26	0	0	5	5	11	3	8	0	2	0	1	2	3
27	0	0	0	0	1	4	0	2	0	0	1	0	1
28	2	0	0	2	0	0	0	1	0	1	2	0	1
29	2	2	4	0	2	0	1	0	3	2	2	1	2
30	1	5	0	2	0	0	0	1	1	1	1	1	1
MEAN	2	1	1	2	2	1	2	1	1	1	2	1	1.4

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COMS/1000 FT	
STATION - NW NO 63022 HOSPITAL 35 ALGOMA ST NORTH, THUNDER BAY														MONTH - JUL 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	2	1	4	2	1	1	0	2	0	0	0	0	1		
2	1	2	0	2	2	0	2	1	3	1	2	1	1		
3	0	1	1	4	2	2	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID		
4	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID		
5	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID		
6	2	0	0	2	0	2	2	0	1	1	0	1	1		
7	2	1	1	0	3	1	2	0	0	2	0	4	2		
8	2	2	0	0	2	0	1	3	0	2	0	2	1		
9	2	0	1	3	6	2	2	4	2	0	0	1	2		
10	2	1	2	2	1	1	3	2	4	2	0	0	2		
11	0	2	2	DATA INVALID	DATA INVALID	1	1	1	0	0	2	1	1		
12	0	0	0	2	2	0	0	2	0	0	2	1	1		
13	0	2	1	3	3	0	1	2	0	0	2	0	1		
14	0	1	2	2	0	0	0	2	2	0	0	0	1		
15	2	0	0	0	5	0	0	1	0	0	0	2	1		
16	0	0	3	0	0	0	0	0	2	0	2	0	1		
17	0	0	0	2	0	0	4	0	2	2	3	2	1		
18	2	0	3	1	2	2	0	0	0	2	1	2	1		
19	2	3	1	0	0	2	0	0	1	2	1	0	1		
20	0	1	1	5	0	0	0	1	0	1	0	0	1		
21	0	0	2	0	0	0	1	2	2	0	0	0	1		
22	0	0	1	2	1	0	2	2	2	0	2	0	1		
23	1	0	3	2	0	2	0	2	0	0	0	0	1		
24	2	0	0	0	0	0	2	0	0	0	0	0	1		
25	0	0	0	0	0	0	2	0	0	2	0	0	0		
26	2	0	0	2	0	2	1	0	0	0	0	0	1		
27	0	0	2	0	2	0	0	1	2	2	0	0	1		
28	1	0	0	5	3	0	1	2	2	2	2	0	2		
29	0	0	0	0	0	0	2	0	2	1	0	0	0		
30	2	0	1	2	2	1	1	1	1	1	0	0	1		
31	2	0	2	3	2	0	1	1	0	1	2	1	1		
MEAN	1	1	1	2	1	1	1	1	1	1	1	1	1.0		

PERCENTAGE OF DATA VALID - 92.5

PERCENTAGE OF DATA INVALID - 7.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COMS/1000 FT	
STATION - NW NO 63022 HOSPITAL 35 ALGOMA ST NORTH, THUNDER BAY														MONTH - AUG 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	0	0	2	2	0	1	0	0	2	2	2	1	1		
2	1	1	3	0	1	0	0	0	2	0	0	0	1		
3	0	0	0	1	2	0	0	0	0	0	1	0	0		
4	0	0	1	2	0	1	1	0	0	2	2	1	1		
5	0	1	0	1	0	1	0	0	0	2	0	1	1		
6	0	0	3	1	0	2	1	0	0	2	0	0	1		
7	2	0	1	1	2	1	1	2	1	1	1	1	1		
8	1	0	2	3	1	2	3	0	0	0	0	1	1		
9	0	1	0	2	2	0	2	0	0	1	0	0	1		
10	2	1	0	2	0	0	0	0	0	0	4	2	1		
11	0	1	0	0	0	2	1	1	1	0	1	2	1		
12	0	1	0	1	0	1	4	0	2	1	2	2	1		
13	0	0	0	2	1	4	1	0	0	3	0	0	1		
14	2	2	0	0	0	0	0	0	2	0	0	0	1		
15	0	0	0	1	1	0	4	0	1	0	0	1	1		
16	0	0	0	2	0	0	4	2	0	0	2	0	1		
17	0	2	0	1	0	0	1	0	0	2	0	0	1		
18	1	1	0	1	1	0	0	2	0	0	2	3	1		
19	0	0	2	0	2	4	2	0	2	0	0	2	1		
20	3	0	2	1	0	1	0	5	2	0	0	0	1		
21	1	2	1	0	DATA INVALID	DATA INVALID	2	2	2	1	0	2	1		
22	0	4	0	1	2	1	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID		
23	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID		
24	0	4	0	4	2	4	2	1	3	0	2	1	2		
25	1	0	2	0	4	0	2	0	0	4	3	0	1		
26	4	2	0	2	3	3	0	1	1	3	2	0	2		
27	1	0	2	1	4	1	5	0	0	0	1	1	1		
28	1	1	2	1	4	2	0	2	0	4	0	0	1		
29	4	0	0	8	0	4	0	4	0	4	0	0	2		
30	2	4	2	2	2	2	3	3	4	1	0	0	2		
31	0	4	0	7	0	0	0	0	0	0	0	1	1		
MEAN	1	1	1	2	1	1	1	1	1	1	1	1	1.1		

PERCENTAGE OF DATA VALID - 96.0

PERCENTAGE OF DATA INVALID - 3.8

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - NW NO 63022 HOSPITAL 35 ALGOMA ST NORTH, THUNDER BAY													MONTH - SEP 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	2	3	0	4	2	2	1	2	0	5	7	2	
2	2	1	1	0	1	1	2	0	2	2	4	2	2	
3	0	0	1	4	0	2	0	1	0	4	3	2	1	
4	0	0	0	2	2	1	2	6	0	4	2	3	2	
5	2	4	2	1	0	0	0	1	3	1	1	1	1	
6	2	1	3	2	1	1	2	0	2	0	3	4	2	
7	0	2	3	6	0	0	4	1	2	1	0	1	2	
8	4	0	2	0	4	2	0	2	2	6	2	0	2	
9	0	0	0	0	5	2	3	2	2	1	0	1	2	
10	0	0	0	2	1	1	0	1	1	7	1	0	1	
11	2	4	2	1	1	4	1	0	2	0	2	0	2	
12	0	2	2	1	2	2	2	0	1	1	2	1	1	
13	0	2	0	2	0	3	4	1	4	2	0	0	2	
14	1	0	0	5	0	0	3	2	0	0	0	0	1	
15	0	1	2	2	1	2	1	4	1	0	1	0	1	
16	2	2	0	1	2	2	2	2	2	2	2	0	2	
17	1	7	2	2	1	2	2	2	0	5	1	4	2	
18	0	0	2	0	0	1	4	0	2	1	2	0	1	
19	0	2	0	4	1	2	2	2	0	3	4	2	3	
20	7	3	0	4	1	2	2	2	0	0	0	2	1	
21	3	0	0	0	2	2	1	2	3	0	0	2	2	
22	3	0	0	3	4	3	2	0	3	1	2	0	1	
23	0	0	2	3	0	0	2	0	0	0	0	0	1	
24	0	0	2	0	2	0	0	6	0	1	0	0	2	
25	2	2	0	1	4	3	0	2	1	4	1	0	1	
26	1	2	2	3	***	0	4	4	3	2	4	7	3	
27	0	5	0	3	2	2	0	2	0	1	2	2	1	
28	0	1	3	0	3	0	2	0	3	0	0	0	3	
29	2	4	2	2	5	2	2	7	4	7	2	0	1	
30	3	0	4	0	3	2	1	0	0	0	0	0	1.6	
MEAN	1	2	1	2	2	2	2	2	2	2	2	1		

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - NW NO 63022 HOSPITAL 35 ALGOMA ST NORTH, THUNDER BAY													MONTH - OCT 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	2	0	0	2	0	2	0	0	0	0	1	
2	3	0	0	0	0	0	0	0	2	0	2	2	1	
3	1	0	3	5	2	0	2	0	2	0	2	2	2	
4	0	0	2	0	2	0	2	0	0	0	0	3	1	
5	0	0	3	2	0	0	0	2	0	0	0	0	1	
6	0	2	0	0	0	2	0	0	0	0	2	2	2	
7	2	0	2	3	0	0	0	0	0	0	0	5	1	
8	2	1	3	2	0	0	0	0	0	2	0	3	1	
9	2	0	0	5	0	2	0	2	0	2	0	0	2	
10	0	0	2	1	3	2	2	1	2	5	0	0		
11	2	0	0	0	0	0	0	0	2	0	0	2	1	
12	0	2	0	0	0	0	0	0	2	0	0	0	1	
13	0	0	0	0	0	0	1	3	0	2	0	0	1	
14	0	0	0	0	2	0	0	2	2	0	1	1	1	
15	2	2	0	3	5	0	2	3	2	0	0	1	2	
16	0	3	0	3	0	0	2	0	0	2	0	0	1	
17	9	0	0	7	0	0	0	0	0	3	0	0	2	
18	2	2	0	2	3	0	0	3	3	0	3	0	2	
19	2	3	2	2	0	2	0	2	0	0	2	4	2	
20	0	3	5	0	2	0	5	0	0	0	3	2	2	
21	0	0	5	0	3	0	0	5	0	0	3	2	2	
22	2	0	3	2	2	0	2	0	2	0	2	5	2	
23	2	0	3	0	2	2	3	0	2	0	0	3	1	
24	3	2	0	2	2	0	2	0	2	0	0	1	1	
25	3	0	0	0	0	5	0	2	0	0	0	0	1	
26	0	0	3	0	0	2	0	2	2	0	2	2	1	
27	1	2	2	0	3	0	3	0	0	0	0	2	2	
28	0	0	2	0	0	3	0	7	0	5	0	3	1	
29	0	2	0	0	0	0	1	7	0	2	0	3	2	
30	0	3	3	0	2	0	0	3	7	0	0	3		
31	2	0	0	2	1	4	0	0	0	0	0	4	1	
MEAN	1	1	2	1	1	1	1	1	1	1	1	2	1.2	

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COMS/1000 FT													
STATION - NW NO 63022 HOSPITAL 35 ALGOMA ST NORTH, THUNDER BAY													
MONTH - NOV 80													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	4	2	3	2	2	0	1	2	0	2
2	0	3	0	3	0	0	0	0	0	4	2	2	1
3	2	2	0	0	7	0	2	0	7	0	2	2	2
4	3	0	2	0	3	2	0	0	2	0	2	2	1
5	2	3	0	0	0	0	2	0	2	2	0	0	1
6	0	2	0	4	2	0	3	0	0	0	5	2	1
7	0	0	0	2	1	0	0	0	0	0	0	2	1
8	0	2	2	2	3	2	0	0	0	2	2	2	1
9	3	0	2	3	0	5	0	1	3	2	0	3	2
10	0	3	0	3	0	0	3	2	2	0	3	9	2
11	2	3	2	0	0	2	2	0	2	0	5	2	2
12	2	3	0	2	0	0	3	0	5	2	2	2	2
13	2	3	0	0	0	2	0	***	0	2	3	0	1
14	1	4	0	3	3	0	0	4	2	6	2	2	2
15	4	1	2	2	2	1	4	4	0	2	0	0	2
16	0	0	4	0	7	7	2	4	1	4	3	1	3
17	2	2	0	2	2	0	1	3	2	3	0	1	2
18	2	0	0	6	2	1	8	5	2	2	0	3	3
19	0	0	2	2	4	2	0	0	6	3	0	2	2
20	0	1	2	4	3	0	1	2	2	2	0	1	2
21	2	2	2	2	8	0	3	4	2	4	1	2	3
22	2	1	2	0	0	2	0	0	1	3	6	0	1
23	0	4	2	2	3	0	0	1	1	1	1	2	1
24	1	3	3	0	5	1	3	2	2	2	0	2	2
25	1	1	0	1	2	2	4	2	4	3	2	1	2
26	0	0	2	0	1	3	0	1	0	2	6	2	1
27	1	0	2	2	5	7	6	2	5	2	7	2	3
28	1	0	3	6	0	4	1	6	3	1	2	5	3
29	0	6	3	0	2	6	3	2	2	1	2	0	2
30	2	2	2	2	4	0	3	0	6	7	0	2	3
MEAN	1	2	1	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													
UNITS - 0.1 COMS/1000 FT													
STATION - NW NO 63022 HOSPITAL 35 ALGOMA ST NORTH, THUNDER BAY													
MONTH - DEC 80													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	1	0	0	3	3	4	5	0	0	1	2
2	0	1	3	1	3	4	2	1	4	1	2	2	2
3	1	0	2	3	0	3	5	2	2	9	1	4	3
4	0	1	1	2	0	6	2	1	3	3	1	3	2
5	3	7	0	0	2	3	4	0	2	0	2	8	3
6	5	1	1	2	2	8	6	4	10	2	2	3	4
7	3	1	1	2	2	3	4	2	4	2	4	3	3
8	0	0	5	2	0	3	0	0	4	0	0	4	2
9	1	0	1	3	0	7	0	5	3	1	3	3	2
10	4	4	0	5	6	1	0	4	0	3	4	2	3
11	0	0	0	0	2	2	0	1	3	3	2	0	1
12	4	0	1	4	3	3	6	0	2	4	0	2	2
13	2	0	2	0	1	3	5	0	2	2	0	4	2
14	0	0	2	6	0	2	0	6	3	4	0	0	2
15	0	3	0	2	5	1	6	6	3	2	2	2	3
16	0	0	2	2	2	5	2	20	2	4	5	0	4
17	2	0	6	3	2	0	0	1	1	2	2	2	2
18	0	3	0	7	2	2	2	1	1	0	3	2	2
19	3	0	3	0	8	1	0	4	1	3	2	0	2
20	2	0	2	0	1	4	0	2	2	0	2	0	1
21	5	2	0	0	0	4	0	0	4	4	8	7	3
22	0	0	4	2	6	0	3	5	3	5	3	2	3
23	0	5	0	5	1	1	6	2	0	0	4	1	2
24	0	0	3	2	1	1	5	3	2	5	3	1	2
25	3	2	1	0	2	0	4	3	5	0	2	0	2
26	2	0	0	1	3	2	2	1	0	6	3	4	2
27	1	3	0	1	4	2	0	4	0	1	2	0	2
28	0	2	3	0	0	0	1	3	0	1	0	2	1
29	0	1	1	0	0	4	4	0	0	2	0	2	1
30	4	2	0	0	3	4	0	4	3	1	3	0	2
31	2	1	2	8	3	0	0	6	2	4	2	2	3
MEAN	2	1	2	2	2	3	2	3	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NW NO 63022 HOSPITAL 35 ALGOMA ST NORTH, THUNDER BAY

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.0	4	9
FEB	29	2.3	4	11
MAR	31	2.0	3	7
APR	30	1.6	3	7
MAY	31	1.9	4	9
JUN	30	1.4	3	11
JUL	28	1.0	2	6
AUG	29	1.1	2	8
SEP	30	1.6	3	7
OCT	31	1.2	2	9
NOV	30	1.8	3	9
DEC	31	2.1	4	20
YEAR	361	1.7	4	20

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NW NO 63022 HOSPITAL 35 ALGOMA ST NORTH, THUNDER BAY

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	339	32	0	0	0	0	0	371
FEB	311	34	1	0	0	0	0	346
MAR	349	23	0	0	0	0	0	372
APR	350	9	0	0	0	0	0	359
MAY	336	35	0	0	0	0	0	371
JUN	341	18	1	0	0	0	0	360
JUL	340	4	0	0	0	0	0	344
AUG	353	4	0	0	0	0	0	357
SEP	341	18	0	0	0	0	0	359
OCT	353	19	0	0	0	0	0	372
NOV	329	30	0	0	0	0	0	359
DEC	328	43	0	1	0	0	0	372
YEAR	4070	269	2	1	0	0	0	4342

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
98.9	0	0.0	0.0	1.1	1.8	3.3	4.4	5.7	6.7	20	1.7

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY													MONTH - JAN 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	0	2	0	2	2	0	2	0	1	1	1	
2	2	2	2	2	2	0	0	2	0	2	3	1	2	
3	2	3	1	1	5	2	2	1	2	2	3	2	2	
4	3	0	2	2	4	4	8	5	2	8	5	8	4	
5	4	2	2	0	2	1	0	3	0	2	2	2	2	
6	0	0	0	0	0	3	1	2	0	2	2	0	1	
7	2	0	0	0	1	1	1	2	0	0	2	0	1	
8	2	2	0	2	2	0	0	2	2	2	1	1	1	
9	0	0	2	0	0	2	2	0	2	2	3	5	2	
10	2	1	2	3	3	5	2	2	3	0	1	0	2	
11	0	0	0	3	2	0	2	2	2	0	0	0	1	
12	0	0	0	2	0	0	0	2	1	5	2	0	:	
13	0	0	0	0	0	0	0	0	0	0	0	2	0	
14	2	0	0	0	0	2	2	0	0	0	3	0	1	
15	0	0	0	2	2	1	1	1	0	0	0	2	3	
16	1	3	2	5	7	7	4	2	1	2	1	0	0	
17	0	0	0	0	1	0	0	0	0	0	0	0	0	
18	2	0	2	2	1	4	2	***	1	3	0	3	2	
19	2	2	1	2	1	2	0	2	1	2	0	1	1	
20	2	2	2	0	2	2	1	2	2	8	4	3	3	
21	2	0	2	5	1	11	3	5	7	9	8	6	5	
22	5	1	1	0	2	2	2	2	0	2	2	3	2	
23	0	2	0	2	1	1	2	2	3	4	3	5	2	
24	4	5	4	2	2	2	5	2	1	2	1	4	3	
25	2	2	3	0	1	1	0	-	***	***	***	***	*****	
26	- DATA INVALID -													
27	- DATA INVALID -													
28	- DATA INVALID -													
29	- DATA INVALID -													
30	- DATA INVALID -													
31	****	****	****	****	0	2	3	1	2	7	10	2	3	
MEAN	2	1	1	1	2	2	2	2	1	3	2	2	1.7	

PERCENTAGE OF DATA VALID - 81.2

PERCENTAGE OF DATA INVALID - 18.5

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY													MONTH - FEB 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	2	8	2	2	6	4	4	7	13	8	4	5	
2	5	1	9	2	3	6	8	1	1	8	2	5	4	
3	5	4	0	4	2	1	2	1	1	1	7	9	3	
4	2	3	1	0	6	3	2	4	0	4	0	0	2	
5	1	0	0	2	3	0	1	2	0	0	2	3	1	
6	1	2	0	2	4	4	0	0	2	3	10	9	3	
7	6	2	5	4	4	2	4	2	0	4	9	9	4	
8	7	5	4	4	12	9	3	2	3	5	3	4	5	
9	7	9	4	7	9	5	2	1	2	1	5	2	5	
10	2	1	2	3	3	1	4	2	3	2	2	5	3	
11	8	2	2	3	3	0	0	3	0	2	7	6	3	
12	0	4	2	2	3	3	3	2	2	5	3	4	2	
13	3	4	0	2	5	0	2	2	0	1	4	1	2	
14	0	2	5	0	2	0	0	2	3	2	5	9	3	
15	4	2	2	3	0	2	0	2	0	2	2	0	2	
16	2	4	0	3	0	2	0	2	0	0	0	2	1	
17	0	2	2	1	0	2	0	0	0	2	2	0	1	
18	2	2	2	5	10	12	3	1	3	0	3	2	4	
19	0	2	2	0	4	2	3	0	3	2	1	3	2	
20	2	2	2	2	3	0	2	4	2	2	2	6	2	
21	1	1	3	1	5	2	2	2	1	3	2	1	2	
22	0	1	2	3	2	1	2	2	3	2	4	1	2	
23	2	6	2	0	4	2	2	3	3	0	7	7	3	
24	2	0	1	2	0	2	3	0	0	6	2	0	2	
25	4	2	2	4	3	2	0	5	2	0	2	5	3	
26	2	4	2	2	10	5	3	1	0	0	4	4	3	
27	3	0	1	2	2	0	6	1	4	4	5	3	3	
28	4	2	3	0	3	4	2	2	4	2	0	3	2	
29	2	1	2	2	2	2	2	2	0	2	6	2	2	
MEAN	3	2	2	2	4	3	2	2	2	3	4	4	2.1	

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY													MONTH - MAR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	0	1	3	2	0	3	0	0	2	5	2	
2	3	1	2	1	1	4	0	0	2	6	4	2	2	
3	4	2	0	7	4	0	3	2	2	4	3	2	3	
4	2	1	2	0	2	0	2	0	1	3	2	2	1	
5	3	5	2	2	3	2	1	2	1	2	1	5	2	
6	1	4	5	1	5	2	0	***	2	3	1	1	2	
7	1	1	1	1	4	4	2	0	1	0	5	4	2	
8	2	1	0	2	2	0	1	0	0	0	2	2	1	
9	1	0	0	0	0	3	2	2	0	0	3	5	1	
10	3	2	2	0	0	2	3	2	0	1	1	2	2	
11	0	1	0	3	1	0	0	2	1	1	5	2	1	
12	4	2	0	3	4	2	0	1	2	0	2	2	2	
13	0	2	0	0	2	2	1	2	1	2	2	0	1	
14	0	2	0	2	0	0	0	0	0	2	2	0	1	
15	7	3	2	0	2	2	0	0	0	0	2	0	2	
16	0	0	0	2	0	0	3	2	2	2	2	3	1	
17	2	2	0	3	0	2	0	0	0	0	3	5	2	
18	0	0	0	3	4	0	3	1	3	3	5	7	3	
19	0	0	2	2	2	5	1	3	3	3	0	0	2	
20	2	3	3	4	3	2	0	0	2	0	0	0	2	
21	0	2	0	0	2	3	3	0	3	2	2	0	1	
22	0	3	0	0	3	2	0	0	3	3	5	2	2	
23	3	3	0	0	3	0	0	0	4	5	3	1	2	
24	2	0	0	0	0	2	0	2	0	0	2	2	1	
25	0	0	0	2	2	2	2	0	2	2	3	3	2	
26	2	3	4	0	2	2	3	2	2	0	7	2	2	
27	0	3	2	3	3	2	0	2	2	2	5	2	2	
28	3	0	0	0	2	0	3	0	0	0	5	9	2	
29	5	0	3	0	3	0	3	0	0	0	3	5	2	
30	3	0	0	2	2	0	2	0	0	0	2	2	1	
31	5	0	3	0	2	4	0	1	0	0	2	5	2	
MEAN	2	2	1	2	2	2	1	1	1	1	3	3	1.7	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY													MONTH - APR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	0	4	2	2	0	0	0	0	5	7	2	
2	4	3	2	3	3	1	2	2	0	5	3	5	3	
3	3	5	2	2	3	2	2	0	3	5	3	0	3	
4	5	2	0	2	0	0	0	0	0	0	2	0	1	
5	2	3	0	1	2	0	0	0	0	0	0	0	1	
6	0	3	0	0	2	1	2	0	2	0	0	0	1	
7	2	3	2	2	3	2	2	0	7	0	2	2	2	
8	0	0	2	0	2	2	0	2	0	3	0	0	1	
9	3	0	2	0	2	5	1	3	2	3	0	3	2	
10	3	2	0	1	2	0	2	2	2	2	0	0	1	
11	0	2	2	0	3	0	3	5	0	2	0	4	2	
12	2	0	0	2	0	0	0	0	3	3	0	0	1	
13	3	0	3	0	0	0	0	3	0	0	2	2	1	
14	3	5	2	3	2	0	2	2	3	0	7	2	3	
15	0	2	0	2	0	0	1	2	0	0	3	1	1	
16	2	3	0	4	0	0	0	2	4	3	2	0	2	
17	0	0	0	3	0	0	3	0	0	0	3	5	1	
18	7	3	0	5	2	0	2	***	0	4	3	0	2	
19	7	10	5	5	6	2	9	0	4	0	2	3	4	
20	0	2	3	4	1	0	2	2	2	7	4	7	3	
21	0	0	2	2	3	3	1	0	3	2	3	3	2	
22	2	2	2	0	5	2	2	2	6	2	0	2	2	
23	2	1	2	2	1	0	4	2	0	2	0	3	2	
24	0	0	1	2	2	2	2	2	2	3	4	4	2	
25	0	2	3	2	2	0	3	2	2	2	0	1	2	
26	3	0	0	3	2	2	2	1	0	2	3	3	2	
27	2	2	1	2	1	1	2	0	2	0	2	2	1	
28	5	3	0	2	2	2	0	0	2	2	3	3	2	
29	8	2	2	4	2	0	0	0	0	0	2	2	2	
30	4	5	3	2	2	0	3	0	2	0	6	1	2	
MEAN	2	2	1	2	2	1	2	1	2	2	2	2	1.8	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY														MONTH - MAY 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	2	3	2	3	2	2	2	2	1	2	6	5	3		
2	2	3	2	3	1	4	0	2	2	0	3	3	2		
3	6	3	2	4	2	0	0	3	4	2	6	3	3		
4	2	2	5	3	5	2	0	4	1	0	2	1	2		
5	0	1	5	2	1	2	5	6	2	2	2	3	3		
6	1	1	2	3	4	3	0	0	2	0	1	2	2		
7	2	2	0	2	2	4	1	5	0	1	2	1	2		
8	3	2	3	0	2	4	2	0	2	2	2	2	2		
9	0	2	0	2	1	2	2	2	2	0	0	1	1		
10	3	3	0	4	1	4	0	2	2	3	2	2	2		
11	0	1	2	4	0	2	2	2	3	1	1	4	2		
12	0	2	2	2	2	2	0	1	0	2	2	2	1		
13	2	0	0	3	2	2	2	2	0	0	7	1	2		
14	0	0	2	5	2	3	2	1	1	4	2	4	2		
15	4	2	2	2	2	2	0	2	1	0	2	4	2		
16	2	4	5	5	2	2	0	3	2	4	0	3	3		
17	3	2	0	3	0	0	2	5	2	0	2	6	2		
18	5	2	2	4	3	3	1	0	0	3	2	0	2		
19	0	2	1	1	5	3	2	0	2	0	0	0	1		
20	2	1	3	3	5	6	2	4	4	2	2	1	3		
21	3	0	0	4	2	2	2	3	2	0	0	8	2		
22	4	3	2	4	4	2	2	3	2	5	2	3	3		
23	5	3	6	4	8	7	2	4	2	3	2	3	4		
24	7	6	2	5	2	2	7	1	2	5	5	2	4		
25	0	2	0	2	2	2	2	0	2	4	4	3	2		
26	2	0	2	1	2	2	2	2	4	0	0	1	2		
27	1	1	4	2	4	3	0	2	2	2	2	0	2		
28	2	3	2	1	3	3	4	2	3	2	2	4	3		
29	2	5	0	3	2	5	4	0	6	4	2	2	3		
30	2	5	0	3	2	5	4	0	6	4	2	2	3		
31	2	2	0	0	2	2	3	1	4	3	2	3	2		
MEAN	2	2	2	3	2	3	2	2	2	2	2	3	2.2		

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY														MONTH - JUN 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	3	0	3	5	2	2	0	2	0	2	2	1	2		
2	0	3	1	2	2	0	4	2	2	0	1	2	2		
3	2	2	2	3	0	1	1	1	0	2	2	4	2		
4	2	3	2	4	4	2	0	1	2	1	1	3	2		
5	2	2	2	3	2	4	2	2	0	2	0	2	2		
6	3	0	0	5	2	3	1	4	4	3	***	***	3		
7							- DATA INVALID -								
8							- DATA UNAVAILABLE -								
9	-	-	-	-	-	***	2	0	0	1	0	2	*****		
10	0	1	1	0	0	2	1	2	0	0	0	2	1		
11	3	1	4	1	0	0	2	1	0	0	5	0	1		
12	1	1	2	0	1	1	1	0	0	1	3	0	1		
13	3	1	1	0	1	1	1	2	0	0	2	0	1		
14	0	0	0	0	0	0	0	2	0	1	0	0	0		
15	0	2	0	0	0	1	0	0	0	0	0	0	0		
16	2	0	2	2	0	0	0	2	1	0	0	1	1		
17	3	2	0	0	2	2	0	0	1	2	0	0	1		
18	1	2	1	2	0	0	1	0	0	2	0	0	1		
19	0	2	2	0	1	2	0	1	0	0	5	5	2		
20	2	0	2	1	0	0	2	1	2	1	0	1	1		
21	0	0	2	2	0	0	2	1	0	1	1	1	1		
22	1	0	1	2	0	2	2	1	0	2	2	1	1		
23	3	2	0	6	6	5	2	1	1	2	2	3	3		
24	2	0	0	3	7	2	1	0	2	3	2	2	2		
25	5	2	5	3	1	3	1	0	1	2	2	0	2		
26	5	3	2	7	12	3	1	2	0	2	0	0	3		
27	2	0	2	2	1	2	0	0	0	0	1	0	1		
28	0	0	2	0	1	1	0	1	0	1	3	1	1		
29	2	0	2	0	1	0	0	0	1	0	0	0	1		
30	2	2	1	2	1	0	0	0	3	4	0	0	1		
MEAN	2	1	2	2	2	1	1	1	1	1	1	1	1.4		

PERCENTAGE OF DATA VALID - 91.1

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 7.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY													MONTH - JUL 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	0	1	0	0	0	0	1	1	0	2	1	1
2	3	2	0	1	2	1	0	0	0	1	0	0	1	1
3	2	2	2	2	0	2	0	1	2	2	2	3	2	2
4	3	3	0	1	2	2	2	0	0	0	0	2	2	0
5	1	0	0	1	1	0	0	0	0	0	0	0	1	1
6	0	0	2	2	2	1	1	1	0	0	0	0	2	2
7	4	0	0	2	2	2	2	2	2	1	0	2	2	2
8	2	2	2	3	2	1	0	1	3	2	2	2	2	2
9	2	2	2	7	2	2	1	1	0	0	1	0	2	2
10	2	1	4	3	2	2	2	2	1	2	2	2	2	2
11	2	3	2	2	0	2	1	2	1	2	2	2	2	2
12	2	0	1	0	0	2	1	1	1	0	2	2	2	2
13	1	2	1	2	2	1	2	2	2	1	1	3	2	2
14	0	0	2	2	1	0	2	4	0	0	0	0	1	1
15	1	2	0	2	1	0	1	1	0	1	1	4	1	1
16	2	0	0	0	1	0	1	1	1	1	1	0	1	1
17	3	1	0	0	2	2	1	0	1	1	0	0	1	1
18	2	0	1	0	0	2	1	0	2	2	1	0	1	1
19	0	0	1	2	1	0	0	1	0	0	3	0	1	1
20	1	0	2	1	0	1	2	1	0	0	0	1	1	1
21	1	0	1	1	2	1	0	1	0	1	2	5	1	1
22	0	0	2	2	0	0	1	1	0	2	2	1	1	1
23	0	2	1	2	2	0	1	1	0	0	1	0	1	1
24	1	3	2	3	3	0	0	0	1	0	0	0	0	0
25	0	1	0	0	0	1	0	0	0	0	2	0	0	0
26	2	2	0	1	0	0	0	0	1	0	2	0	1	1
27	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
28	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID
29	0	2	0	0	0	0	0	0	0	0	0	0	0	0
30	2	2	3	4	4	2	2	0	0	3	0	2	2	2
31	0	0	2	3	0	0	3	0	2	3	2	2	1	1
MEAN	1	1	1	2	1	1	1	1	1	1	1	2	1.2	1.2

PERCENTAGE OF DATA VALID - 94.1 PERCENTAGE OF DATA INVALID - 5.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY													MONTH - AUG 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	0	0	3	1	1	2	0	3	0	5	0	1	1
2	1	1	0	0	0	0	1	2	2	0	0	4	1	1
3	0	2	0	3	0	3	0	0	2	0	0	0	1	1
4	0	2	2	2	2	0	1	3	0	3	2	1	2	2
5	4	0	2	4	2	2	2	2	0	2	2	2	1	1
6	0	0	4	1	0	1	1	2	0	0	4	0	2	2
7	0	2	0	8	0	4	1	0	1	2	2	3	1	1
8	3	0	2	3	1	0	0	0	1	1	1	3	1	1
9	0	0	1	2	0	4	2	0	2	0	0	1	2	2
10	0	3	2	0	3	5	0	0	1	2	2	1	1	1
11	1	2	4	1	0	3	6	1	2	0	0	7	2	2
12	2	1	0	0	2	2	3	1	2	0	0	2	1	1
13	1	2	2	1	0	0	0	1	1	0	0	0	1	1
14	2	0	1	5	1	2	1	0	0	2	2	2	2	2
15	2	1	2	4	4	0	0	0	0	0	3	0	1	1
16	1	1	1	0	0	0	2	1	3	2	1	1	1	1
17	0	2	3	0	1	0	1	4	0	0	2	2	1	1
18	0	0	1	0	0	0	0	5	2	0	2	0	2	2
19	2	0	0	5	0	6	0	1	2	2	0	0	1	1
20	2	2	0	0	2	2	0	1	2	2	0	0	1	1
21	1	3	2	0	0	1	3	3	0	0	0	2	1	1
22	2	0	3	2	2	0	3	0	0	2	2	0	1	1
23	3	2	5	2	2	1	0	0	0	0	0	2	1	1
24	2	0	0	0	2	1	0	0	0	2	0	2	1	1
25	0	0	1	2	8	5	1	2	0	2	8	5	3	3
26	5	0	3	0	2	2	1	2	1	3	2	0	2	2
27	0	1	4	4	2	1	0	1	3	0	4	0	2	2
28	3	1	0	1	2	2	0	4	0	0	5	2	1	1
29	0	3	2	0	2	2	4	0	2	1	0	0	1	1
30	2	0	0	1	0	0	0	1	0	1	0	2	1	1
31	2	2	1	3	2	2	2	0	0	2	5	1	2	2
MEAN	1	1	2	2	1	2	1	1	1	1	2	2	1.4	1.4

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY													MONTH - SEP 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	3	2	0	2	0	0	1	1	2	5	1	2	
2	3	0	0	1	2	2	0	2	2	2	1	2	1	
3	3	0	2	0	2	0	0	2	2	1	1	0	1	
4	1	1	2	7	1	1	1	2	0	0	0	0	1	
5	1	3	0	2	0	2	0	1	0	0	2	1	1	
6	2	0	0	1	1	2	0	0	5	2	2	0	1	
7	0	7	0	0	0	0	1	0	0	0	1	0	1	
8	3	2	0	0	5	2	2	1	2	0	0	2	2	
9	0	0	1	0	0	0	---	2	0	2	2	2	1	
10	0	0	0	2	0	0	5	2	0	2	0	0	1	
11	4	1	2	1	1	1	3	2	0	3	2	0	2	
12	3	1	0	0	2	2	2	2	0	0	0	0	1	
13	1	0	0	1	1	0	0	1	1	0	2	0	1	
14	1	1	0	2	0	0	0	2	0	1	1	1	1	
15	2	1	1	2	0	1	2	0	1	0	2	0	1	
16	2	0	2	0	2	0	0	2	0	0	3	2	1	
17	1	2	2	2	1	1	1	0	2	2	0	0	1	
18	1	1	0	0	0	2	1	0	2	2	1	2	1	
19	1	0	2	2	1	2	0	1	0	2	2	2	1	
20	1	0	2	0	1	1	1	0	1	0	2	0	1	
21	2	0	4	0	0	0	0	1	1	0	4	0	1	
22	2	1	1	2	1	1	1	1	0	2	0	0	1	
23	2	1	2	2	1	0	2	2	2	2	2	2	2	
24	1	0	1	0	2	0	1	1	1	4	1	4	1	
25	0	3	0	2	2	0	2	2	0	2	2	0	1	
26	1	0	2	0	3	0	0	0	4	2	1	2	1	
27	1	1	2	2	0	1	0	0	0	0	3	1	1	
28	2	1	3	0	4	1	0	2	0	0	2	2	1	
29	0	2	0	2	0	0	3	4	2	11	6	0	3	
30	0	2	0	0	2	2	1	1	0	2	0	2	1	
MEAN	1	1	1	1	1	1	1	1	1	2	2	1	1.2	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. --- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY													MONTH - OCT 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	1	0	2	1	2	1	0	1	1	2	0	1	
2	2	0	2	1	2	2	2	0	2	0	0	0	1	
3	0	1	0	2	1	1	2	0	0	3	6	1	1	
4	2	3	0	2	7	0	0	1	0	4	4	3	2	
5	3	0	4	1	0	0	2	1	2	0	2	0	1	
6	2	0	2	7	0	2	0	4	0	6	4	2	2	
7	0	5	2	8	2	2	0	0	2	1	0	0	2	
8	2	0	5	0	2	0	1	2	0	2	2	0	1	
9	0	6	2	2	2	1	2	1	0	2	1	1	2	
10	2	0	2	3	0	2	2	2	2	0	2	0	1	
11	2	0	1	0	1	1	0	2	0	0	1	2	1	
12	0	0	1	0	1	2	5	0	0	1	2	0	1	
13	0	3	2	1	1	2	0	1	2	2	2	0	1	
14	1	1	2	0	2	0	0	0	2	2	4	0	1	
15	6	1	6	3	2	3	5	0	2	1	7	4	3	
16	5	1	7	5	2	2	0	0	0	2	2	2	2	
17	0	2	1	0	3	2	5	0	1	2	1	3	2	
18	0	2	0	2	1	1	0	0	0	2	1	0	1	
19	1	2	2	0	1	1	0	2	0	0	2	2	1	
20	2	1	0	5	2	2	0	2	0	2	1	2	2	
21	0	2	1	1	0	2	0	---	0	0	2	1	1	
22	1	2	1	0	2	2	1	---	1	1	0	0	1	
23	0	2	2	1	3	0	0	2	2	0	3	1	1	
24	1	2	1	3	2	2	0	1	0	0	2	2	1	
25	0	0	1	2	2	0	1	2	0	2	0	0	1	
26	2	0	2	2	1	1	1	1	0	1	0	0	0	
27	0	1	0	2	0	0	0	1	1	0	0	0	1	
28	0	0	2	1	0	0	1	0	1	2	1	2	1	
29	2	0	0	4	2	0	2	0	2	2	2	2	1	
30	0	3	2	0	2	2	1	1	0	0	3	1	1	
31	0	3	0	2	1	2	1	2	0	3	0	0	1	
MEAN	1	1	2	2	2	1	1	1	1	1	2	1	1.3	

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. --- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY														MONTH - NOV 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	1	1	0	1	0	1	0	2	0	2	3	2	1		
2	0	0	3	0	1	0	2	2	2	2	0	0	1		
3	1	2	2	4	10	4	2	2	1	0	3	0	3		
4	2	1	0	0	1	0	0	1	0	2	0	0	1		
5	1	2	0	2	2	2	0	1	1	2	6	4	2		
6	1	2	5	2	8	0	2	2	2	0	0	1	2		
7	1	2	0	1	1	0	0	0	0	0	0	0	0		
8															
9															
10					----	0		1	0	1	2	5	-----		
11	5	0	0	1	3	1	0	2	4	9	7	7	3		
12	3	2	2	4	6	2	0	2	2	2	-----	-----	3		
13	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
14	2	0	1	4	0	1	1	3	0	2	0	3	1		
15	1	0	4	0	1	1	1	4	5	4	3	2	1		
16	3	2	0	3	2	1	0	4	0	0	0	1	2		
17	0	0	2	0	4	2	1	2	2	1	2	3	-----		
18	2	-----	-----	-----	-----	-----	0	2	3	1	2	0	-----		
19	1	2	2	2	2	2	3	2	1	2	4	7	3		
20	5	7	2	9	12	2	2	1	2	0	1	0	4		
21	0	4	0	10	4	0	1	2	2	2	1	2	2		
22	3	2	1	2	2	1	4	2	2	2	6	1	2		
23	1	2	2	1	0	1	0	2	2	1	0	2	1		
24	1	0	2	2	0	1	0	1	2	3	2	5	2		
25	0	1	0	5	4	1	5	8	0	2	2	0	3		
26	1	0	0	1	6	2	0	2	0	6	2	2	2		
27	2	4	1	2	4	2	4	4	7	4	9	6	4		
28	2	4	7	6	0	4	1	5	2	3	4	2	3		
29	6	2	4	0	5	0	3	0	0	2	2	0	2		
30	2	5	0	2	3	0	2	2	6	2	2	0	2		
MEAN	2	2	2	3	3	1	1	2	2	2	2	2	2.1		

PERCENTAGE OF DATA VALID - 86.4

PERCENTAGE OF DATA INVALID - 4.7

PERCENTAGE OF DATA UNAVAILABLE - 8.9

NOTES 1. "-----" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "-----" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COHS/1000 FT	
STATION - NW NO 63040 435 JAMES ST S THUNDER BAY														MONTH - DEC 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN		
1	1	2	1	0	0	2	2	1	1	0	1	2	1		
2	0	2	2	2	2	1	0	5	4	1	3	2	2		
3	2	1	2	4	1	4	0	3	2	2	0	2	2		
4	1	2	5	6	0	4	1	4	0	1	0	2	2		
5	0	4	1	2	3	2	2	4	1	5	2	5	3		
6	4	3	6	5	2	5	2	4	3	0	2	4	3		
7	0	2	2	0	0	2	0	0	1	2	0	2	1		
8	4	0	2	2	1	2	0	2	1	2	2	0	2		
9	2	1	2	0	4	2	2	0	0	4	2	0	2		
10	0	1	1	0	3	2	0	1	0	0	-----	-----	1		
11															
12					----	0		3	2	0	0	0	-----		
13	0	0	0	0	0	0	0	0	0	0	0	0	0		
14	0	2	0	0	0	0	0	0	1	0	0	0	0		
15	0	0	1	0	2	2	0	2	2	2	0	0	1		
16	2	0	1	0	0	0	3	3	0	2	5	2	2		
17	2	0	3	3	0	0	1	0	0	0	3	0	1		
18	0	0	0	0	0	2	0	0	2	0	2	0	1		
19	0	2	0	2	0	0	0	0	0	0	0	0	0		
20	0	3	0	0	0	0	0	2	2	0	0	0	1		
21	0	0	0	2	0	0	0	0	2	0	3	0	1		
22	0	3	0	3	2	2	0	3	2	2	2	2	2		
23	0	0	0	1	0	0	2	0	0	0	0	1	0		
24	0	0	2	0	0	3	1	0	0	0	0	2	1		
25	0	2	2	0	0	0	3	3	2	2	2	0	1		
26	0	0	0	2	0	2	2	2	0	2	2	3	1		
27	0	0	0	0	5	3	0	0	3	0	2	2	1		
28	0	0	0	0	0	0	2	0	2	0	0	0	0		
29	0	0	0	0	0	0	0	0	2	0	0	0	0		
30	0	0	0	2	0	0	0	0	0	0	0	0	0		
31	2	0	0	2	0	0	0	2	2	4	3	2	1		
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1.1		

PERCENTAGE OF DATA VALID - 94.9

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 4.6

NOTES 1. "-----" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "-----" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - NW NO 63040 435 JAMES ST S THUNDER BAY

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	25	1.7	5	11
FEB	29	2.7	5	13
MAR	31	1.7	3	9
APR	30	1.8	4	10
MAY	31	2.2	4	8
JUN	27	1.4	3	12
JUL	29	1.2	2	7
AUG	31	1.4	3	8
SEP	30	1.2	3	11
OCT	31	1.3	3	8
NOV	24	2.1	4	12
DEC	29	1.1	3	6
YEAR	347	1.6	5	13

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - NW NO 63040 435 JAMES ST S THUNDER BAY

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	276	25	1	0	0	0	0	302
FEB	290	55	3	0	0	0	0	348
MAR	346	25	0	0	0	0	0	371
APR	330	29	0	0	0	0	0	359
MAY	335	37	0	0	0	0	0	372
JUN	314	13	1	0	0	0	0	328
JUL	345	5	0	0	0	0	0	350
AUG	355	17	0	0	0	0	0	372
SEP	351	7	1	0	0	0	0	359
OCT	353	18	0	0	0	0	0	371
NOV	276	34	1	0	0	0	0	311
DEC	343	10	0	0	0	0	0	353
YEAR	3914	275	7	0	0	0	0	4196

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
95.5	0	0.0	0.0	1.1	1.7	3.3	4.5	6.2	7.3	13	1.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COMS/1000 FT							
	STATION - NE NO 75010			OPP STATION NORTH BAY			MONTH - JAN 80							
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	6	2	1	2	0	2	1	0	2	2	2	2	
2	0	2	0	0	1	2	2	2	2	2	2	2	1	
3	2	2	4	2	2	4	2	0	2	5	7	6	3	
4	4	6	2	1	7	2	1	3	4	9	9	5	4	
5	5	4	5	7	4	3	3	2	2	2	2	1	3	
6	2	2	0	2	1	0	1	0	1	0	0	3	1	
7	2	1	2	0	3	0	2	0	5	1	2	1	2	
8	0	2	0	0	2	0	0	2	1	2	0	1	1	
9	0	2	1	4	8	2	2	1	5	10	5	4	4	
10	4	4	0	4	0	2	0	1	0	0	0	0	1	
11	0	1	2	1	2	1	1	3	2	0	0	3	1	
12	0	2	2	3	1	0	2	0	0	0	0	2	1	
13	0	2	1	0	0	0	2	0	2	2	2	1	1	
14	0	4	3	2	3	3	3	0	2	0	0	0	2	
15	-	-	-	-	-	-	-	----	1	0	2	1	-----	
16	0	0	0	1	1	1	1	0	0	0	2	0	1	
17	0	0	0	0	0	1	0	0	1	0	1	3	1	
18	0	0	2	0	0	2	2	0	0	0	0	0	1	
19	0	2	0	0	0	0	0	0	2	1	0	1	1	
20	0	0	0	0	2	0	0	0	0	0	0	0	0	
21	0	0	0	2	2	1	0	0	0	5	2	1	1	
22	2	1	1	1	1	----	3	0	0	0	1	2	1	
23	0	2	0	1	2	0	0	2	0	0	0	0	1	
24	0	1	1	0	1	0	0	2	3	2	5	7	2	
25	5	4	2	5	----	4	2	0	0	3	2	7	3	
26	2	1	2	0	0	0	1	2	0	0	2	1	1	
27	2	2	0	0	0	1	0	0	2	2	4	1	1	
28	1	5	1	1	1	0	0	0	2	0	0	2	1	
29	0	0	1	1	1	0	0	2	0	2	0	0	1	
30	0	0	3	2	0	2	----	2	2	2	1	0	1	
31	0	0	0	0	0	0	0	0	0	3	0	0	0	
MEAN	1	2	1	1	2	1	1	1	1	2	2	2	1.4	

PERCENTAGE OF DATA VALID - 98.2

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 2.4

NOTES 1. "-----" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "-----" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COMS/1000 FT													
STATION - NE NO 75010							OPP STATION NORTH BAY							MONTH - FEB 80						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN							
1	2	0	0	2	0	2	0	0	5	2	0	0								
2	2	0	2	3	3	2	1	2	1	0	2	0								
3	1	1	0	1	0	1	0	2	0	0	0	0								
4	2	0	2	3	1	----	0	0	0	0	3	1								
5	0	0	3	1	5	2	2	2	2	7	2	0								
6	1	0	0	0	----	0	0	2	1	0	0	0								
7	1	0	0	0	2	2	0	2	1	1	0	0								
8	2	2	1	3	2	1	1	2	0	0	0	1								
9	1	1	2	0	2	1	2	0	0	5	2	3								
10	5	6	2	3	3	2	1	0	0	3	3	2								
11	0	2	0	0	0	2	2	0	2	2	6	5								
12	3	2	3	3	0	----	1	0	2	2	1	4								
13	2	0	2	0	2	3	2	0	0	0	0	2								
14	2	0	1	0	0	2	0	1	3	5	2	7								
15	2	2	2	2	3	0	0	0	1	0	7	2								
16	2	0	2	2	0	0	2	0	0	0	2	0								
17	0	2	1	2	0	0	0	0	1	2	0	0								
18	0	0	2	2	3	0	----	1	2	0	0	3								
19	1	1	1	2	0	2	----	6	4	1	0	5								
20	3	2	2	0	1	2	4	2	3	4	1	1								
21	1	2	2	0	0	0	0	0	0	2	2	0								
22	0	0	3	1	2	0	2	----	2	1	1	0								
23	0	0	2	1	4	3	2	0	2	3	3	2								
24	3	1	0	3	1	0	1	1	0	0	0	1								
25	1	0	1	2	1	1	----	0	0	2	1	2								
26	1	2	3	1	9	4	2	0	1	2	2	2								
27	1	0	0	0	0	2	0	0	0	0	2	0								
28	0	1	3	4	2	0	0	2	3	1	2	0								
29	0	0	4	1	----	0	0	0	0	1	4	5								
MEAN	1	1	2	1	2	1	1	1	1	2	2	2	1.4							

PERCENTAGE OF DATA VALID - 97.7

PERCENTAGE OF DATA INVALID - 2.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "-----" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "-----" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES							UNITS - 0.1 COMS/1000 FT						
STATION - NE NO 75010 OPP STATION NORTH BAY							MONTH - MAR 80						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	2	7	2	2	1	0	1	2	3	4	2
2	3	1	0	0	2	5	2	1	0	0	4	3	2
3	3	5	2	2	0	1	0	2	0	0	0	3	2
4	3	3	4	3	1	0	0	2	2	0	1	0	2
5	0	2	1	0	0	***	0	0	0	2	1	0	1
6	0	0	0	2	2	0	0	0	0	0	3	2	1
7	0	0	2	3	3	3	1	2	0	1	2	3	2
8	5	2	0	0	3	0	0	2	1	2	0	5	2
9	5	5	5	2	0	0	0	2	3	1	0	1	2
10	0	0	0	1	2	0	1	2	2	0	0	0	1
11	1	0	0	2	2	2	2	0	0	1	2	1	1
12	0	0	0	0	1	1	0	2	0	0	4	2	1
13	1	0	0	0	0	0	3	2	0	1	0	0	1
14	3	1	2	1	2	0	0	0	3	0	1	2	1
15	0	2	1	2	0	0	0	2	0	0	2	3	1
16	1	1	0	2	2	3	2	0	3	1	0	1	1
17	2	0	0	0	2	0	0	3	2	7	2	***	2
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
MEAN	2	1	1	2	1	1	1	1	1	1	1	2	1.3

PERCENTAGE OF DATA VALID - 54.3 PERCENTAGE OF DATA INVALID - 8.9 PERCENTAGE OF DATA UNAVAILABLE - 36.8

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. *** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES														UNITS - 0.1 COMS/1000 FT	
STATION - NE NO 75010 OPP STATION NORTH BAY															
MONTH	NO OF DAYS			AVERAGE CONCENT			24-HOUR MAXIMUM			MAXIMUM READING					
JAN	30			1.4			4			10					
FEB	29			1.4			3			9					
MAR	17			1.3			2			7					
YEAR	76			1.4			4			10					

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - NE NO 75010 OPP STATION NORTH BAY

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	334	24	0	0	0	0	0	358
FEB	325	15	0	0	0	0	0	340
MAR	193	9	0	0	0	0	0	202
YEAR	852	48	0	0	0	0	0	900

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	PERCENT 95	98	99	MAX	ARITH MEAN
82.4	0	0.0	0.0	0.6	1.5	2.8	4.1	5.5	6.6	10	1.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - NE NO 77023 HAPPY VALLEY FALCONBRIDGE

MONTH - JAN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	1	0	2	0	4	0	4	1	3	0	3	2
2	1	2	0	2	1	3	2	0	2	0	3	1	1
3	2	2	0	***	2	0	2	2	1	2	5	0	2
4	2	2	3	5	3	4	4	2	0	5	2	0	3
5	2	0	1	5	0	0	2	2	2	0	2	2	2
6	2	0	0	2	2	2	2	2	0	4	2	4	2
7	2	2	0	1	2	3	0	0	0	2	1	1	1
8	0	2	1	2	0	1	0	2	2	2	0	4	1
9	0	6	1	1	3	2	2	4	0	3	2	4	2
10	6	2	2	2	3	0	2	0	2	0	0	1	2
11	2	0	2	6	1	0	2	0	0	1	0	0	1
12	1	0	1	0	2	0	0	3	2	3	1	2	1
13	3	1	2	2	3	2	1	0	1	1	2	0	2
14	7	1	2	2	0	0	0	3	2	2	2	1	2
15	0	2	2	0	3	0	2	2	1	2	4	3	2
16	1	2	5	0	3	3	0	7	2	2	1	2	2
17	3	2	2	1	0	2	3	2	2	1	2	0	2
18	3	1	1	5	0	0	2	4	4	2	2	5	2
19	1	2	1	2	0	2	0	1	0	3	2	5	2
20	1	1	0	4	2	3	6	0	1	0	4	3	2
21	0	1	3	0	0	***	2	0	1	0	0	0	1
22	2	0	3	0	0	0	1	0	2	0	1	1	1
23	0	1	3	2	2	2	2	3	2	2	0	3	2
24	2	1	2	3	1	2	0	0	2	0	0	4	2
25	1	3	0	3	0	1	0	2	0	6	1	2	2
26	0	2	0	2	0	1	2	1	2	3	3	2	2
27	3	2	0	3	2	4	2	2	2	1	1	5	2
28	1	0	2	0	1	0	0	0	1	3	1	2	1
29	2	0	0	2	3	0	1	0	3	1	0	3	2
30	0	1	2	3	1	4	1	0	0	0	0	0	0
31	0	4	1	2	0	2	0	0	0	1	0	2	1
MEAN	2	1	1	2	1	2	1	2	1	2	1	2	1.6

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 77023													MONTH - FEB 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	3	0	0	2	3	2	0	2	2	2	2	2	2
2	2	0	2	2	0	2	1	2	2	0	2	1	1	1
3	2	0	2	0	3	0	2	0	1	0	3	0	1	1
4	0	0	0	0	1	2	****	****	****	****	****	****	****	****
5							DATA INVALID -							
6							DATA INVALID -							
7							DATA INVALID -							
8							DATA INVALID -							
9							DATA INVALID -							
10							DATA INVALID -							
11							DATA INVALID -							
12							DATA INVALID -							
13							DATA INVALID -							
14							DATA INVALID -							
15							DATA INVALID -							
16							DATA INVALID -							
17							DATA INVALID -							
18	****	****	****	****	****	****	****	2	0	0	1	3	****	****
19	2	3	0	2	2	2	2	2	0	1	3	0	2	2
20	0	2	0	2	2	0	2	0	3	4	1	4	2	2
21	2	3	1	2	0	0	2	****	2	2	1	2	2	2
22	2	2	2	0	0	1	0	2	2	0	1	0	1	1
23	2	1	2	2	0	0	0	2	1	2	0	1	1	1
24	0	2	0	0	0	1	2	3	0	0	2	2	1	1
25	4	4	3	2	1	****	1	2	3	2	3	0	2	2
26	0	3	0	3	0	4	1	3	0	1	0	1	1	1
27	0	3	0	3	2	1	3	3	0	0	1	0	1	1
28	2	3	2	3	3	0	0	2	0	0	1	0	1	1
29	3	0	0	4	2	2	1	2	0	1	2	2	2	2
MEAN	1	2	1	2	1	1	1	2	1	1	2	1	1.4	

PERCENTAGE OF DATA VALID - 50.9

PERCENTAGE OF DATA INVALID - 49.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 77023													MONTH - MAR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	3	2	2	3	2	2	0	0	3	4	2	2	2	2
2	0	3	1	5	4	1	1	0	1	0	2	2	2	2
3	2	0	1	0	0	2	2	0	0	2	0	2	1	1
4	2	2	2	2	3	****	1	2	2	3	2	0	2	2
5	0	2	2	2	0	2	1	3	1	2	2	3	2	2
6	0	1	0	2	1	3	1	2	0	0	2	2	1	1
7	0	1	0	4	2	4	2	1	2	2	3	1	2	2
8	1	2	2	0	1	1	3	0	0	2	2	2	1	1
9	2	2	2	2	2	0	0	2	0	3	2	2	2	2
10	0	1	2	2	3	0	1	****	0	2	3	0	1	1
11	1	0	2	0	0	0	3	2	1	2	2	0	1	1
12	2	2	1	3	0	****	2	0	2	3	1	2	2	2
13	2	0	1	2	2	1	4	3	1	2	2	0	2	2
14	0	2	2	4	2	0	2	0	1	2	0	2	1	1
15	3	2	5	28	10	19	6	2	0	1	2	0	7	7
16	0	0	0	2	2	3	0	3	0	2	1	2	1	1
17	0	2	0	0	2	****	2	3	1	0	0	****	1	1
18	****	****	****	****	****	****	0	2	2	2	2	3	****	****
19	2	2	0	3	0	0	2	3	0	4	3	2	2	2
20	2	3	0	2	4	1	2	2	2	1	2	1	2	2
21	2	0	3	4	1	0	2	2	0	0	4	1	2	2
22	0	1	1	0	4	1	3	0	0	2	2	1	1	1
23	3	1	1	2	0	1	3	0	1	0	2	2	1	1
24	2	1	1	1	2	****	****	****	****	****	****	****	****	****
25							DATA INVALID -							
26	****	****	****	****	****	****	3	4	2	0	2	2	****	****
27	0	2	2	3	2	****	0	0	2	1	0	2	2	2
28	0	2	3	2	1	2	0	2	2	3	1	3	2	2
29	0	0	3	2	3	3	1	2	2	2	1	2	2	2
30	2	0	2	2	1	0	3	1	2	2	2	3	2	2
31	2	3	2	0	0	4	3	1	2	2	0	0	2	2
MEAN	1	1	1	3	2	2	2	2	1	2	2	2	1.7	

PERCENTAGE OF DATA VALID - 89.8

PERCENTAGE OF DATA INVALID - 10.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 77023													MONTH - APR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	4	2	***	1	2	2	0	2	4	5	2	2
2	3	2	0	2	2	0	0	0	1	2	0	3	1	1
3	2	2	0	0	2	2	2	1	3	2	0	2	2	2
4	4	2	0	0	0	2	0	0	2	0	1	0	1	1
5	2	0	0	0	2	1	2	2	1	0	2	0	1	1
6	3	1	2	2	0	0	0	0	0	2	0	0	2	2
7	0	2	0	2	1	0	2	2	4	2	4	1	1	1
8	3	1	3	2	***	***	2	2	2	3	1	1	1	1
9	***	-	-	-	***	3	-	6	2	3	1	1	1	1
10	0	2	1	2	0	0	0	0	1	0	0	3	1	1
11	3	0	3	1	2	0	2	2	1	2	2	2	2	2
12	2	0	2	0	2	0	2	0	1	2	2	2	1	1
13	2	0	2	2	3	2	2	3	0	1	0	2	2	2
14	0	2	0	1	2	0	2	0	0	2	0	0	1	1
15	2	0	2	2	***	2	2	2	1	0	0	0	1	1
16	1	1	0	0	2	0	2	2	0	1	0	4	1	1
17	1	3	2	0	2	3	2	1	0	0	0	2	1	1
18	0	0	0	2	2	1	2	1	0	5	2	1	1	1
19	2	2	3	3	3	1	2	0	1	0	0	0	1	1
20	0	0	2	0	0	3	1	2	2	0	5	2	1	1
21	3	3	2	0	0	2	0	9	3	2	2	0	2	2
22	2	2	2	0	0	0	0	2	2	0	0	3	1	1
23	2	0	0	0	0	0	2	0	2	0	2	2	1	1
24	0	0	0	0	0	0	0	0	0	1	1	0	0	0
25	0	2	2	3	2	0	0	1	0	1	0	2	1	1
26	1	0	0	0	0	1	0	0	0	0	0	1	0	0
27	0	0	2	0	0	1	1	1	0	1	1	0	1	1
28	2	0	0	0	0	0	0	0	2	0	2	2	1	1
29	1	0	2	2	2	2	0	0	3	0	0	0	1	1
30	0	0	0	0	0	2	0	2	2	2	1	0	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	2	1.2	1.2

PERCENTAGE OF DATA VALID - 95.8

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 77023													MONTH - MAY 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	2	1	1	0	0	2	0	2	0	2	0	1	1
2	3	0	0	0	1	0	2	0	2	0	2	2	1	1
3	1	2	0	2	0	2	0	2	0	0	0	1	1	1
4	0	0	0	0	1	0	1	0	2	2	0	0	1	1
5	2	1	1	0	1	2	0	0	0	0	0	0	1	1
6	0	0	0	0	1	1	2	2	2	2	0	0	1	1
7	2	1	0	0	2	2	1	1	0	3	***	***	1	1
8							- DATA INVALID -							
9							- DATA INVALID -							
10							- DATA INVALID -							
11							- DATA INVALID -							
12							- DATA INVALID -							
13							- DATA INVALID -							
14							- DATA INVALID -							
15							- DATA INVALID -							
16							- DATA INVALID -							
17							- DATA INVALID -							
18							- DATA INVALID -							
19							- DATA INVALID -							
20							- DATA INVALID -							
21							- DATA INVALID -							
22	***	***	***	***	***	-	2	3	0	3	0	2	*****	1
23	0	2	2	0	2	0	0	1	1	1	1	2	1	1
24	2	1	6	5	2	2	2	0	1	3	1	0	2	2
25	0	0	0	0	2	1	2	0	0	0	1	0	1	1
26	1	0	0	3	0	1	0	0	0	0	2	2	1	1
27	0	2	0	2	0	0	0	0	0	0	2	0	1	1
28	0	0	1	3	1	0	2	1	0	2	0	0	1	1
29	0	2	0	0	2	0	0	2	0	0	1	2	1	1
30	0	3	3	0	1	4	2	1	3	3	1	0	2	2
31	2	0	0	0	1	0	2	1	1	3	0	0	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.9	0.9

PERCENTAGE OF DATA VALID - 52.7

PERCENTAGE OF DATA INVALID - 47.0

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - NE NO 77023 HAPPY VALLEY FALCONBRIDGE													MONTH - JUN 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	1	0	3	2	0	0	2	0	0	2	0	0	0	1
2	2	2	2	0	3	3	0	0	3	0	0	0	0	1
3	0	1	2	2	0	2	0	0	1	0	0	2	1	1
4	0	0	0	2	0	2	1	1	0	2	2	0	1	1
5	0	1	0	1	1	0	0	2	0	0	3	1	1	1
6	0	2	0	0	0	0	0	0	0	0	0	0	0	0
7	3	0	2	0	1	1	1	0	0	3	0	0	1	1
8	0	0	0	3	1	0	1	2	0	0	0	0	1	1
9	0	0	1	1	0	0	0	0	0	0	2	0	0	0
10	0	0	2	0	0	2	0	1	2	1	3	1	1	1
11	1	2	2	0	0	2	0	0	2	2	0	2	1	1
12	0	0	2	2	2	0	1	0	0	2	0	2	1	1
13	2	0	1	2	3	0	1	2	0	0	1	2	1	1
14	0	1	1	2	0	0	0	1	0	0	0	2	1	1
15	1	0	2	0	0	2	0	0	2	1	0	2	1	1
16	2	1	2	0	2	2	2	2	0	0	0	2	1	1
17	0	2	1	1	1	0	2	0	1	1	3	0	1	1
18	2	2	0	0	1	0	0	0	0	1	2	0	1	1
19	1	1	0	0	0	0	0	0	1	0	0	1	0	1
20	0	0	2	1	0	0	2	1	1	1	0	2	1	1
21	2	0	0	1	0	2	0	1	0	2	2	0	1	1
22	2	1	0	2	2	1	0	0	0	0	1	2	1	1
23	0	0	2	0	2	0	0	3	0	0	1	2	1	1
24	0	0	2	2	1	2	0	0	1	****	-	-	1	1
25							- DATA UNAVAILABLE -							
26							- DATA UNAVAILABLE -							
27							- DATA UNAVAILABLE -							
28							- DATA UNAVAILABLE -							
29							- DATA UNAVAILABLE -							
30							- DATA UNAVAILABLE -							
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0.8	

PERCENTAGE OF DATA VALID - 79.2

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 20.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - NE NO 77023 HAPPY VALLEY FALCONBRIDGE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.6	3	7
FEB	14	1.4	2	4
MAR	27	1.7	7	28
APR	28	1.2	2	9
MAY	16	0.9	2	6
JUN	24	0.8	1	3
YEAR	140	1.3	7	28

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - NE NO 77023 HAPPY VALLEY FALCONBRIDGE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	354	16	0	0	0	0	0	370
FEB	177	0	0	0	0	0	0	177
MAR	328	4	0	1	1	0	0	334
APR	339	6	0	0	0	0	0	345
MAY	194	2	0	0	0	0	0	196
JUN	285	0	0	0	0	0	0	285
YEAR	1677	28	0	1	1	0	0	1707

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	FREQUENCY	CONCENTRATIONS DISTRIBUTION	PERCENT	95	98	99	MAX	ARITH MEAN
78.2	0	0.0	0.0	0.7	1.5	2.4	2.9	3.9	4.8	28	1.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - NE NO 77028 19 LISGAR ST. SUDBURY

MONTH - JAN 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	4	0	0	0	4	0	2	0	3	2	1
2	3	2	0	2	0	2	1	3	0	2	1	1	1
3							- DATA UNAVAILABLE -						
4							- DATA UNAVAILABLE -						
5							- DATA UNAVAILABLE -						
6							- DATA UNAVAILABLE -						
7							- DATA UNAVAILABLE -						
8							- DATA UNAVAILABLE -						
9							- DATA UNAVAILABLE -						
10							- DATA UNAVAILABLE -						
11							- DATA UNAVAILABLE -						
12							- DATA UNAVAILABLE -						
13							- DATA UNAVAILABLE -						
14							- DATA UNAVAILABLE -						
15							- DATA UNAVAILABLE -						
16							- DATA UNAVAILABLE -						
17							- DATA UNAVAILABLE -						
18							- DATA UNAVAILABLE -						
19							- DATA UNAVAILABLE -						
20							- DATA UNAVAILABLE -						
21							- DATA UNAVAILABLE -						
22							- DATA UNAVAILABLE -						
23							- DATA UNAVAILABLE -						
24							- DATA UNAVAILABLE -						
25							- DATA UNAVAILABLE -						
26							- DATA UNAVAILABLE -						
27							- DATA UNAVAILABLE -						
28							- DATA UNAVAILABLE -						
29							- DATA UNAVAILABLE -						
30							- DATA UNAVAILABLE -						
31							- DATA UNAVAILABLE -						
MEAN	3	1	2	1	0	1	3	2	1	1	2	2	1.4

PERCENTAGE OF DATA VALID - 6.5

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 93.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 77026 19 LISGAR ST. SUDBURY													MONTH - FEB 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1							- DATA UNAVAILABLE -							
2							- DATA UNAVAILABLE -							
3							- DATA UNAVAILABLE -							
4							- DATA UNAVAILABLE -							
5							- DATA UNAVAILABLE -							
6							- DATA UNAVAILABLE -							
7							- DATA UNAVAILABLE -							
8							- DATA UNAVAILABLE -							
9							- DATA UNAVAILABLE -							
10							- DATA UNAVAILABLE -							
11							- DATA UNAVAILABLE -							
12							- DATA UNAVAILABLE -							
13	-	-	-	-	-	-	- DATA UNAVAILABLE -		2	3	3	3	*****	
14	2	3	2	4	1	2	2	3	2	3	7	18	4	
15	16	5	8	2	5	2	5	2	4	7	13	15	7	
16	7	3	1	2	1	0	2	2	1	0	4	2	2	
17	1	0	2	2	2	2	0	3	2	5	2	2	2	
18	4	2	4	1	4	2	3	1	0	1	0	3	2	
19	2	3	0	0	3	2	7	4	6	2	5	1	3	
20	2	1	1	1	3	3	2	***	2	4	3	5	2	
21	3	3	0	2	2	4	5	3	4	4	3	4	3	
22	2	5	1	2	6	2	2	3	5	1	3	3	3	
23	9	4	9	4	7	4	1	2	7	2	2	0	4	
24	2	4	1	2	1	0	3	2	0	3	1	2	2	
25	2	1	2	5	3	3	2	2	7	2	0	5	3	
26	2	2	3	3	5	2	2	4	3	2	3	1	3	
27	3	0	4	5	2	2	3	2	4	1	2	3	3	
28	0	1	0	5	2	9	20	4	3	0	2	2	4	
29	0	3	1	5	1	2	0	1	2	2	7	5	2	
MEAN	4	3	2	3	3	3	4	3	3	2	4	4	3.1	

PERCENTAGE OF DATA VALID - 56.0

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 43.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 77026 19 LISGAR ST. SUDBURY													MONTH - MAR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	7	2	2	1	1	0	3	2	2	5	2	****	2	
2							- DATA INVALID -							
3							- DATA INVALID -							
4							- DATA INVALID -							
5							- DATA INVALID -							
6							- DATA INVALID -							
7							- DATA INVALID -							
8							- DATA INVALID -							
9							- DATA INVALID -							
10							- DATA INVALID -							
11							- DATA INVALID -							
12							- DATA INVALID -							
13							- DATA INVALID -							
14	****	****	****	****	****	****	2	2	2	5	1	4	*****	
15	2	4	2	1	4	5	2	7	3	9	5	7	4	
16	4	7	3	2	5	2	0	2	1	2	2	2	3	
17	0	2	0	3	3	2	2	2	2	0	3	2	2	
18	1	2	0	0	3	0	2	0	3	0	4	2	1	
19	3	3	2	2	7	4	****	2	6	2	1	1	3	
20	3	0	2	2	0	3	2	3	4	1	2	2	2	
21	1	2	3	3	5	1	2	1	2	2	4	8	3	
22	4	2	4	14	4	1	2	0	0	2	3	1	3	
23	2	5	3	3	2	0	4	3	5	2	2	8	3	
24	3	3	2	6	1	2	0	1	2	6	4	3	3	
25	2	1	5	1	2	3	1	3	0	3	0	2	2	
26	2	2	2	2	2	2	2	5	2	2	5	5	3	
27	3	4	4	7	7	2	2	0	9	2	7	2	4	
28	3	2	5	2	2	1	2	2	3	3	3	3	3	
29	10	4	7	9	4	4	2	2	2	0	5	2	4	
30	3	2	0	2	2	5	2	3	1	0	3	4	2	
31	2	1	0	7	3	2	2	4	3	2	2	1	2	
MEAN	3	3	3	4	3	2	2	2	3	3	3	3	2.8	

PERCENTAGE OF DATA VALID - 59.1

PERCENTAGE OF DATA INVALID - 40.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - NE NO 77026 19 LISGAR ST. SUDBURY													MONTH - APR 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	0	0	0	2	0	0	2	0	2	2	2	1	1	
2	2	1	3	2	3	1	4	3	7	2	2	0	3	
3	2	0	0	1	6	2	5	2	2	3	2	2	2	
4	2	4	1	2	0	2	4	3	2	5	4	1	3	
5	2	1	0	2	2	0	2	4	1	5	2	3	2	
6	4	2	3	3	5	2	0	4	2	2	5	2	3	
7	0	0	0	3	2	5	5	3	1	2	1	0	2	
8	0	2	2	0	2	2	0	1	3	0	0	0	1	
9	0	1	0	2	5	3	1	4	1	2	3	2	2	
10	1	0	2	3	6	4	3	2	0	2	2	0	2	
11	1	1	0	0	3	2	0	5	1	0	1	6	2	
12	1	0	0	3	***	0	3	2	3	2	6	5	2	
13	2	3	0	2	3	0	0	2	2	3	3	2	3	
14	2	4	2	3	1	2	3	2	3	7	4	3	3	
15	1	3	1	0	0	2	3	0	0	1	1	3	1	
16	0	0	0	2	5	1	0	2	2	3	2	4	2	
17	1	3	0	1	0	2	2	2	3	1	2	3	2	
18	2	0	2	0	2	2	4	***	2	2	2	0	2	
19	2	0	2	3	2	0	***	***	***	***	***	***	*****	
20	- DATA INVALID -													
21	- DATA INVALID -													
22	- DATA INVALID -													
23	- DATA INVALID -													
24	***	***	***	***	***	***	***	0	1	4	3	2	*****	
25	0	2	0	0	0	5	0	7	0	2	0	0	1	
26	0	2	2	2	2	0	0	2	2	1	4	1	2	
27	1	1	2	2	1	3	0	0	0	2	0	3	1	
28	***	***	***	***	***	***	***	***	***	***	0	0	*****	
29	0	6	3	4	1	0	3	2	5	2	0	0	2	
30	3	2	6	3	0	2	4	2	0	4	0	1	2	
MEAN	1	2	1	2	2	2	2	2	2	2	2	2	1.9	

PERCENTAGE OF DATA VALID - 79.7

PERCENTAGE OF DATA INVALID - 20.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COMS/1000 FT	
STATION - NE NO 77026 19 LISGAR ST. SUDBURY													MONTH - MAY 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	5	0	4	4	3	1	0	4	0	1	3	0	2	
2	2	3	2	1	2	5	0	3	0	0	3	3	2	
3	0	4	3	0	2	0	0	2	0	3	0	2	1	
4	2	2	3	1	4	0	1	4	0	1	2	0	2	
5	***	***	0	1	0	0	2	0	0	0	0	0	0	
6	0	0	0	2	0	1	***	2	0	0	1	0	1	
7	0	1	0	0	0	0	0	0	0	0	0	0	0	
8	0	0	0	1	0	***	0	0	0	0	0	0	0	
9	0	0	0	0	1	0	2	0	0	0	0	0	0	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	2	0	0	1	0	2	1	0	0	0	0	0	1	
12	0	0	0	***	0	0	0	0	1	2	0	***	0	
13	***	***	***	***	***	0	0	0	0	0	0	0	*****	
14	0	2	0	0	0	0	0	0	2	1	0	2	1	
15	2	0	2	0	0	0	2	0	2	0	0	0	1	
16	0	0	0	0	0	0	1	0	0	0	0	0	0	
17	2	0	0	1	0	0	0	0	0	0	0	2	0	
18	1	0	2	0	0	1	0	0	1	0	2	0	1	
19	0	0	0	2	0	7	***	0	0	0	0	1	1	
20	0	0	0	0	0	2	0	0	0	0	0	0	0	
21	0	0	0	0	0	1	0	2	0	0	0	0	0	
22	0	0	0	0	0	0	***	0	0	1	0	0	0	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	0	1	***	0	0	0	0	0	0	0	0	0	0	
25	0	0	0	0	0	0	1	2	0	1	1	0	0	
26	0	1	0	0	1	0	0	2	0	1	0	0	0	
27	2	0	0	0	0	0	0	2	0	0	0	0	0	
28	0	0	0	0	0	***	0	0	0	1	0	0	0	
29	1	0	0	0	0	2	***	0	1	0	0	0	0	
30	0	0	0	0	0	0	0	0	0	1	0	0	0	
31	0	1	0	0	0	0	0	2	0	0	1	0	0	
MEAN	1	1	1	0	0	1	0	1	0	0	0	0	0.5	

PERCENTAGE OF DATA VALID - 95.7

PERCENTAGE OF DATA INVALID - 4.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 77026 19 LISGAR ST. SUDBURY													MONTH - JUN 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	1	0	0	0	0	1	0	0	0	2	1	1	1
2	0	2	0	0	0	2	0	3	0	0	2	2	1	1
3	0	2	0	2	0	2	3	1	0	3	3	0	1	1
4	0	1	2	2	0	0	2	1	0	3	1	2	2	1
5	0	4	1	7	2	2	1	0	1	1	2	0	2	2
6	1	3	2	2	2	5	2	2	4	1	2	0	2	2
7	2	0	4	4	0	2	1	2	3	2	1	0	1	1
8	0	0	0	2	0	2	3	0	0	0	0	0	1	1
9	2	1	3	1	3	2	1	0	0	0	2	0	1	1
10	0	2	3	2	2	2	1	2	1	0	----	----	2	2
11	- DATA INVALID -													
12	-	-	-	-	4	2	1	0	2	2	2	4	2	2
13	1	2	4	2	1	3	2	3	0	0	3	6	2	2
14	3	2	4	8	2	2	3	0	1	4	1	0	3	3
15	2	0	2	2	1	0	0	2	0	0	2	1	1	1
16	0	2	2	2	1	2	0	0	0	2	1	2	1	1
17	2	2	2	1	2	0	3	2	0	2	2	0	2	2
18	2	2	1	2	2	5	1	0	2	2	3	2	2	2
19	2	2	2	2	3	1	8	2	2	4	0	2	3	3
20	0	2	2	2	0	1	3	4	2	5	1	4	2	2
21	3	3	2	2	0	2	3	0	3	0	4	0	2	2
22	0	2	3	1	0	5	0	2	2	1	2	2	2	2
23	2	1	4	7	0	2	2	2	1	4	2	0	2	2
24	6	1	3	5	3	0	0	2	1	3	2	4	3	3
25	2	2	8	3	5	2	0	2	0	2	3	2	3	3
26	4	3	3	7	4	2	2	4	3	1	1	0	3	3
27	1	0	2	0	2	5	0	0	0	2	0	1	1	1
28	4	1	0	0	2	2	5	1	4	3	4	1	2	2
29	2	4	0	0	0	2	2	2	1	0	3	0	1	1
30	0	0	2	1	1	2	0	0	2	2	2	2	1	1
MEAN	2	2	2	2	1	2	2	1	1	2	2	1	1.7	

PERCENTAGE OF DATA VALID - 95.0

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 3.1

NOTES 1. "-----" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "-----" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES													UNITS - 0.1 COHS/1000 FT	
STATION - NE NO 77026 19 LISGAR ST. SUDBURY													MONTH - JUL 80	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	3	2	2	2	0	1	5	0	4	2	2	2	2
2	0	4	1	2	----	----	----	----	2	0	0	4	2	2
3	2	3	2	0	2	1	3	2	0	2	2	1	2	2
4	4	2	0	2	2	4	1	4	4	0	2	0	2	2
5	1	2	3	0	2	4	0	1	1	0	1	0	1	1
6	7	0	2	0	0	0	0	0	0	0	2	0	1	1
7	2	2	2	1	7	3	1	4	0	2	1	3	2	2
8	0	1	1	1	4	3	4	1	4	1	3	4	2	2
9	0	0	0	0	2	2	1	2	1	2	0	4	1	1
10	0	1	3	4	4	7	4	3	0	2	5	2	3	3
11	0	1	2	0	2	0	0	0	4	1	1	0	1	1
12	3	2	2	2	1	2	0	0	4	1	3	0	2	2
13	0	3	2	2	2	2	0	2	0	0	0	2	1	1
14	0	1	3	0	2	6	1	3	2	2	2	6	2	2
15	2	2	2	3	2	8	4	2	0	2	2	0	2	2
16	2	2	1	0	5	2	1	0	2	2	0	1	1	1
17	3	1	5	8	3	2	4	1	3	3	0	2	3	3
18	2	1	0	0	7	2	0	3	2	1	3	2	2	2
19	0	3	2	0	2	6	0	0	2	2	1	1	2	2
20	0	1	2	0	2	0	2	0	2	1	2	2	1	1
21	2	0	2	2	0	3	6	0	2	2	4	0	2	2
22	0	2	0	2	5	2	0	6	0	2	1	1	2	2
23	0	2	2	0	2	2	0	0	2	3	2	2	1	1
24	2	1	1	2	2	2	3	0	4	2	0	2	2	2
25	1	5	0	2	4	1	4	3	4	2	4	0	3	3
26	0	2	3	0	1	2	0	4	4	0	2	2	2	2
27	2	0	2	0	2	5	2	2	0	3	2	1	2	2
28	2	0	0	2	4	-	-	-	-	-	-	-	-----	2
29	- DATA UNAVAILABLE -													
30	- DATA UNAVAILABLE -													
31	- DATA UNAVAILABLE -													
MEAN	1	2	2	1	3	3	2	2	2	2	2	2	1.8	

PERCENTAGE OF DATA VALID - 87.4

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 11.6

NOTES 1. "-----" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "--" INDICATES DATA IS UNAVAILABLE

3. "-----" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77026 19 LISGAR ST. SUDBURY

MONTH - AUG 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	-	-	-	-	-	-	-	****	2	0	3	0	*****
2	2	0	0	2	1	3	2	2	0	2	0	3	1
3	0	3	0	0	0	2	0	2	0	1	0	1	1
4	1	2	0	2	0	0	0	0	0	0	1	0	1
5	0	0	2	0	0	2	4	***	0	0	2	2	1
6	1	3	2	2	2	2	0	2	0	2	0	2	2
7	0	2	1	2	2	2	3	3	2	1	0	2	2
8	4	0	2	0	2	3	1	0	6	2	1	0	2
9	1	1	0	0	0	1	0	2	0	2	0	4	1
10	2	3	0	4	0	3	0	0	0	1	0	2	1
11	2	3	2	3	5	0	3	0	3	0	0	0	2
12	2	0	0	0	2	0	1	1	4	0	2	2	1
13	2	2	2	7	2	2	2	3	0	3	1	2	2
14	0	2	0	3	2	2	2	3	2	0	3	3	2
15	1	0	1	0	2	0	4	0	2	0	4	0	1
16	1	0	0	1	0	1	1	2	0	0	1	3	1
17	0	2	0	2	0	2	0	2	0	2	0	0	1
18	1	1	0	0	2	0	4	2	5	1	3	0	2
19	3	0	2	0	3	0	4	2	0	3	2	2	2
20	0	2	0	4	2	2	2	2	2	4	1	2	2
21	0	0	2	2	2	2	2	0	3	0	2	0	1
22	0	0	3	2	3	0	2	0	2	0	3	1	1
23	2	1	2	2	1	4	0	0	0	0	0	0	1
24	0	0	0	2	0	2	0	2	0	2	2	0	1
25	0	0	2	2	3	0	***	2	2	2	0	0	1
26	1	0	2	3	2	2	2	1	1	1	1	2	2
27	2	0	2	0	3	1	0	1	2	0	2	4	2
28	0	0	2	4	0	2	0	3	1	2	0	2	1
29	1	1	0	3	0	2	2	3	1	4	3	2	2
30	2	0	3	5	2	1	7	2	3	0	3	1	2
31	2	1	1	1	2	1	0	2	2	0	0	0	1
MEAN	1	1	1	2	2	1	2	2	1	1	1	1	1.4

PERCENTAGE OF DATA VALID - 97.3

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77026 19 LISGAR ST. SUDBURY

MONTH - SEP 80

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	1	0	2	0	1	0	2	0	1	0	1	1
2	0	0	1	0	3	2	2	1	2	1	2	1	1
3	2	0	0	0	5	0	2	1	2	0	2	1	1
4	0	1	2	3	0	4	0	2	1	4	2	2	2
5	0	1	0	2	0	0	1	0	2	0	0	0	1
6	1	0	2	0	0	0	4	0	1	0	3	2	1
7	1	0	3	2	0	2	0	0	1	2	2	2	1
8	0	0	0	5	0	2	0	3	1	1	1	1	1
9	1	1	3	2	3	1	2	0	2	0	2	0	1
10	2	0	2	1	3	0	2	0	2	1	2	2	1
11	0	2	2	2	0	3	0	1	0	1	0	2	1
12	0	0	0	9	4	3	2	2	0	2	5	2	2
13	2	0	1	0	0	2	2	1	1	1	2	0	1
14	2	0	2	1	0	0	2	2	0	2	0	2	1
15	0	0	0	8	0	5	2	2	2	2	0	2	2
16	1	2	2	1	3	2	2	2	2	****	****	****	2
17							- DATA INVALID -						
18							- DATA INVALID -						
19							- DATA INVALID -						
20							- DATA INVALID -						
21							- DATA INVALID -						
22							- DATA INVALID -						
23							- DATA UNAVAILABLE -						
24							- DATA UNAVAILABLE -						
25							- DATA UNAVAILABLE -						
26							- DATA UNAVAILABLE -						
27							- DATA UNAVAILABLE -						
28							- DATA UNAVAILABLE -						
29							- DATA UNAVAILABLE -						
30							- DATA UNAVAILABLE -						
MEAN	1	1	1	2	1	2	1	1	1	1	2	1	1.3

PERCENTAGE OF DATA VALID - 52.5

PERCENTAGE OF DATA INVALID - 19.4

PERCENTAGE OF DATA UNAVAILABLE - 29.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - NE NO 77026 19 LISGAR ST. SUDBURY

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	2	1.4	1	4
FEB	16	3.1	7	20
MAR	18	2.8	4	14
APR	23	1.9	3	7
MAY	30	0.5	2	7
JUN	29	1.7	3	8
JUL	27	1.8	3	8
AUG	30	1.4	2	7
SEP	16	1.3	2	9
YEAR	191	1.7	7	20

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES-SOILING INDEX 2HR SAMPLES

UNITS - 0.1 COMS/1000 FT

STATION - NE NO 77026 19 LISGAR ST. SUDBURY

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	24	0	0	0	0	0	0	24
FEB	160	30	2	3	0	0	0	195
MAR	185	34	1	0	0	0	0	220
APR	266	21	0	0	0	0	0	287
MAY	353	3	0	0	0	0	0	356
JUN	326	16	0	0	0	0	0	342
JUL	307	18	0	0	0	0	0	325
AUG	356	6	0	0	0	0	0	362
SEP	183	6	0	0	0	0	0	189
YEAR	2160	134	3	3	0	0	0	2300

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
70.0	0	0.0	0.0	1.1	1.7	3.3	4.4	6.3	7.0	20	1.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR														MONTH - JAN 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	8	12	18	14	10	11	10	14	13	12	9	9	10	9	7	5	5	4	4	3	3	4	3	9
2	3	4	6	7	6	5	7	9	8	9	7	8	8	7	17	8	9	4	3	2	2	0	0	0	6
3	1	0	0	2	2	1	2	3	5	5	6	7	5	3	3	4	4	4	3	2	2	2	2	2	3
4	0	0	2	2	0	0	1	3	4	4	4	7	3	5	6	4	5	5	3	4	3	4	4	3	3
5	4	3	3	3	3	2	3	3	4	3	3	3	4	3	3	3	2	2	4	3	4	4	5	6	3
6	7	9	24	20	23	20	17	17	13	9	6	3	3	4	4	4	4	4	4	4	3	4	3	3	9
7	4	4	3	3	2	2	2	3	3	3	3	4	1	3	3	10	4	3	3	3	3	3	5	3	3
8	2	2	2	2	1	2	3	3	4	4	9	7	6	4	3	3	3	3	9	3	3	3	4	2	4
9	2	2	2	2	2	2	2	3	5	6	11	9	7	5	2	***	3	0	4	4	3	5	5	5	4
10	5	5	7	6	5	4	5	5	9	9	***	***	4	7	7	8	10	10	9	8	7	7	6	6	7
11	5	4	5	6	4	3	3	3	3	3	3	3	4	0	0	2	3	2	4	5	3	2	3	5	3
12	3	3	3	2	3	0	0	2	2	2	4	6	4	4	2	1	3	3	3	4	4	4	4	2	4
13	2	3	3	4	3	3	4	3	2	8	4	5	6	4	4	3	3	3	4	4	4	3	4	6	4
14	4	4	6	5	5	9	5	***	11	14	11	11	4	11	10	12	9	4	6	6	6	5	5	3	7
15	4	3	3	3	3	2	2	3	2	7	5	5	5	3	***	***	***	4	3	3	5	6	6	5	4
16	6	5	6	7	7	6	6	6	5	9	10	7	9	10	9	9	8	10	7	6	8	7	7	6	7
17	5	5	5	5	5	4	5	4	6	7	8	5	4	4	6	4	5	6	4	4	5	7	5	4	5
18	5	5	6	7	3	4	3	7	9	6	4	4	3	3	3	2	3	3	3	2	2	3	2	4	4
19	1	2	2	3	2	3	3	3	4	7	5	0	2	3	2	0	2	3	2	3	2	2	1	3	3
20	4	0	1	1	1	2	3	2	2	6	5	0	2	2	0	0	0	0	3	2	3	2	0	0	2
21	0	3	3	3	7	10	8	7	10	14	11	7	4	5	5	4	4	4	3	3	5	3	6	3	6
22	3	3	2	3	3	4	4	6	4	5	6	7	8	***	***	8	6	7	6	4	1	2	1	2	4
23	0	0	0	0	0	0	0	0	0	4	4	2	2	2	3	4	3	3	2	3	2	2	2	3	2
24	2	0	3	2	2	6	5	5	***	3	5	2	3	2	3	2	4	5	12	4	4	4	4	3	4
25	8	6	3	3	4	3	5	5	6	7	5	6	13	12	11	9	8	7	5	4	5	7	9	7	7
26	5	4	5	4	5	7	5	6	5	10	9	6	7	4	3	0	0	2	3	7	8	15	17	11	6
27	7	9	12	11	11	6	4	7	6	4	6	3	3	2	0	2	2	3	5	1	3	0	2	0	5
28	0	2	0	0	2	0	1	4	2	5	3	5	2	5	2	2	1	3	0	3	0	3	2	0	2
29	3	2	2	3	2	3	5	8	***	***	***	6	4	3	6	6	6	5	5	8	9	4	3	4	5
30	7	7	6	3	2	2	0	2	1	7	10	***	0	0	0	7	10	9	4	3	4	3	4	4	4
31	3	2	3	3	3	3	3	3	8	7	7	7	3	3	0	2	6	4	3	3	3	4	2	2	4
MEAN	4	4	5	5	4	4	4	5	5	7	6	5	5	4	4	4	4	4	4	4	4	4	4	4	4.5

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR														MONTH - FEB 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	3	5	5	7	11	16	17	10	8	7	4	5	2	7	4	4	4	5	4	8	8	6
2	6	4	3	3	3	4	4	4	5	8	6	4	0	4	0	0	0	2	0	2	3	3	6	7	3
3	7	7	5	4	4	3	4	3	4	7	6	2	3	4	2	2	0	2	3	3	2	2	2	2	3
4	1	2	1	2	2	2	3	3	10	8	7	6	5	4	3	2	3	4	3	3	3	3	5	4	4
5	9	9	10	10	10	13	15	15	13	15	9	9	3	4	2	2	1	4	3	3	4	4	5	4	3
6	4	3	2	1	3	2	4	4	5	5	6	6	7	4	2	1	4	3	3	4	4	5	4	3	4
7	3	3	3	3	5	5	3	5	5	0	0	7	6	5	3	4	5	4	6	6	8	9	11	8	5
8	13	13	7	11	8	9	15	23	33	30	19	15	15	16	13	10	9	9	8	9	10	9	8	9	13
9	9	6	3	2	0	2	2	2	3	3	2	3	2	2	2	2	3	4	3	5	5	3	2	3	3
10	3	4	4	6	9	9	7	11	11	10	6	2	3	2	4	3	3	3	2	3	4	6	3	4	5
11	4	5	5	7	6	4	4	8	5	5	5	3	3	6	6	4	5	5	3	2	2	4	3	5	4
12	3	3	4	3	5	6	13	12	13	10	10	8	0	0	0	8	5	8	6	9	7	12	9	15	7
13	8	9	6	6	11	14	13	15	10	8	10	7	7	3	***	2	3	5	4	2	1	0	4	11	7
14	11	9	9	6	5	7	7	7	8	9	9	4	5	5	4	4	3	5	3	4	4	6	4	5	6
15	7	3	4	2	2	2	2	3	5	6	5	4	4	4	2	3	4	2	3	2	1	2	2	4	3
16	4	3	2	2	0	2	1	2	2	5	4	3	0	0	2	3	0	0	0	0	2	3	2	2	2
17	0	0	1	1	3	2	3	2	9	9	5	4	0	2	4	3	3	2	3	4	8	5	6	7	4
18	7	8	10	6	3	3	5	4	6	6	9	7	5	3	2	3	2	2	3	4	4	3	3	3	5
19	3	3	4	3	3	3	4	5	6	5	6	9	5	4	5	8	7	8	7	7	7	8	7	6	6
20	7	8	7	7	7	7	8	11	11	12	9	8	11	10	10	11	11	12	12	15	13	12	10	8	10
21	7	6	8	7	8	10	9	8	9	9	7	5	5	4	3	5	3	3	2	4	5	5	5	4	8
22	7	6	3	3	2	3	4	4	8	***	6	6	7	6	4	3	5	2	3	4	3	4	5	4	4
23	6	5	5	3	3	5	3	3	5	4	6	3	4	2	3	5	4	3	6	7	5	5	7	6	5
24	5	9	9	2	1	3	0	1	1	0	0	1	2	0	4	4	3	1	3	3	0	4	5	3	3
25	4	5	7	2	1	2	3	3	3	5	6	3	2	0	2	3	4	2	1	1	0	2	4	3	3
26	1	0	1	2	2	2	4	6	8	8	6	3	2	0	0	0	0	0	4	***	2	2	2	3	3
27	6	10	9	8	9	12	7	7	7	5	5	4	0	0	0	0	0	2	0	1	2	2	2	0	4
28	1	1	1	0	1	2	3	3	3	6	7	6	3	2	0	1	2	2	2	1	2	2	1	2	2
29	1	0	2	0	0	2	3	3	6	8	8	7	6	4	2	0	2	2	2	1	2	2	2	3	3
MEAN	5	5	5	4	4	5	5	7	8	8	7	6	4	4	3	3	4	4	4	4	4	4	5	5	4.6

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR															MONTH - MAR 80										
HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	2	3	3	3	3	****	3	7	4	3	2	2	0	0	0	0	1	2	0	2	4	2
2	3	3	2	2	2	3	3	3	8	9	7	5	4	2	0	0	0	0	1	3	4	9	6	4	4
3	4	6	6	8	10	7	4	6	8	11	6	4	3	3	2	2	2	2	2	3	4	2	4	4	5
4	6	4	4	4	8	10	5	10	11	13	12	14	7	3	0	4	3	3	3	4	5	4	5	4	6
5	4	4	3	4	6	7	8	5	7	14	20	12	0	6	4	1	2	0	1	1	1	2	1	2	5
6	1	2	1	2	2	2	5	8	****	3	4	0	6	3	3	0	3	5	3	3	5	3	4	6	3
7	6	6	5	7	4	3	4	5	8	6	5	3	4	4	4	3	5	6	4	3	4	3	3	3	5
8	3	3	3	3	2	4	4	5	5	7	5	6	6	6	6	7	0	6	5	3	3	6	7	8	5
9	11	6	5	5	4	10	9	8	12	12	10	7	6	5	0	4	0	2	2	4	4	3	2	2	6
10	****	****	****	****	****	****	****	****	****	7	5	3	5	5	6	7	6	2	0	0	0	0	3	2	****
11	2	2	1	0	1	0	1	3	4	5	4	5	3	3	2	2	2	0	2	1	0	2	2	2	2
12	2	2	2	2	2	3	4	5	9	7	5	3	2	1	0	0	0	0	0	1	0	1	2	1	2
13	2	2	1	0	1	2	2	3	7	1	****	****	4	5	6	7	6	6	4	5	5	10	6	3	3
14	6	3	2	2	2	2	2	3	3	6	****	3	2	2	1	1	2	2	3	3	3	5	1	1	3
15	3	3	3	3	3	3	3	3	6	6	5	4	6	2	0	0	2	2	2	2	3	3	1	1	3
16	0	1	2	2	2	3	5	6	6	8	7	6	5	3	3	6	3	4	4	4	4	2	2	1	3
17	2	2	2	1	2	2	2	3	4	4	5	5	3	4	8	3	4	3	3	1	2	2	2	1	3
18	0	2	2	2	2	3	3	4	4	8	****	2	7	3	0	0	2	2	2	2	4	4	6	8	3
19	6	5	4	5	6	5	5	5	7	8	5	5	3	2	2	3	2	3	2	4	3	3	4	4	4
20	3	4	5	8	5	7	7	6	6	6	7	3	3	****	****	3	2	5	5	4	4	3	4	4	5
21	2	3	2	3	2	2	2	2	2	2	3	3	3	3	2	2	2	2	0	2	1	2	2	2	2
22	1	1	0	1	0	1	1	2	3	3	3	5	3	0	0	2	3	2	2	3	3	3	1	2	2
23	1	2	2	2	3	3	2	3	2	2	2	7	3	3	4	4	4	4	4	4	3	3	3	3	3
24	3	4	4	3	4	4	5	5	4	6	5	7	10	6	7	7	7	5	5	3	3	3	0	3	5
25	3	2	0	0	0	2	1	3	2	3	3	2	4	4	3	3	3	3	4	3	5	9	8	7	3
26	8	10	6	6	7	4	5	6	13	****	16	10	8	4	3	3	3	4	3	4	7	8	17	9	7
27	8	6	3	2	2	3	3	7	8	6	4	4	4	4	2	0	3	4	5	4	5	3	4	3	4
28	3	3	5	5	6	7	5	7	9	4	4	5	4	4	8	6	5	5	4	5	5	6	6	4	5
29	5	4	4	3	3	4	3	4	4	6	4	4	5	3	3	5	3	3	4	2	3	3	3	3	4
30	4	3	2	2	2	2	3	5	4	4	3	3	3	0	2	0	2	3	2	2	2	0	2	3	2
31	3	3	3	3	3	3	2	2	3	4	4	5	6	7	6	3	5	4	4	3	3	3	3	3	4
MEAN	4	3	3	3	3	4	4	5	6	6	6	5	4	3	3	3	3	3	3	3	3	3	4	4	3.8

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 2.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR															MONTH - APR 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	4	3	3	6	4	4	7	9	5	6	6	6	4	8	5	5	3	4	8	6	5	4	5
2	3	4	5	****	****	8	11	2	13	16	8	7	7	4	6	10	6	8	4	8	6	9	7	6	7
3	7	9	5	4	6	4	4	6	6	4	4	6	5	****	4	4	4	3	2	3	3	5	4	5	5
4	4	3	3	3	15	11	4	3	8	8	3	3	2	3	2	2	2	0	2	2	2	1	1	2	4
5	4	3	3	3	2	2	2	4	5	4	4	2	2	1	0	0	0	0	0	1	1	4	1	6	2
6	6	9	16	13	9	9	5	6	11	8	10	4	0	2	0	0	0	2	2	2	2	3	2	5	4
7	3	3	3	5	5	5	4	6	5	5	2	4	3	3	2	4	5	4	5	3	5	4	4	5	4
8	3	3	5	2	3	2	2	0	8	5	3	2	4	4	4	2	2	2	1	2	1	1	2	3	2
9	1	1	1	0	2	0	1	3	2	****	5	3	2	3	2	3	2	2	0	0	2	3	3	3	4
10	2	2	1	0	0	2	****	7	3	7	10	8	4	7	3	4	4	3	3	3	2	5	5	4	4
11	5	2	0	4	4	4	4	5	4	5	4	7	5	1	0	1	2	0	5	8	5	1	2	3	4
12	2	3	4	5	4	3	3	4	5	10	5	2	3	2	2	2	2	0	2	2	1	0	0	2	3
13	0	3	3	2	1	2	2	3	3	3	2	2	1	0	1	0	0	0	0	0	0	0	0	1	3
14	0	0	1	1	2	2	1	2	3	2	2	3	3	3	3	6	6	3	5	5	2	2	1	3	3
15	0	2	0	****	****	0	2	3	4	5	8	5	4	3	4	2	2	2	1	2	0	****	****	****	3
16	0	0	0	0	0	0	2	3	4	4	3	3	2	2	0	1	2	3	0	1	2	3	2	2	2
17	2	4	3	5	5	5	5	6	5	4	6	4	5	4	4	3	3	3	8	7	4	5	5	4	5
18	7	10	7	14	10	9	15	16	11	8	7	7	7	6	6	4	3	3	2	2	2	2	2	3	7
19	5	8	6	9	11	9	12	13	20	11	6	4	4	3	2	3	3	3	5	3	****	4	4	5	7
20	5	5	6	12	5	8	7	6	5	4	4	3	3	2	2	2	2	2	3	2	2	3	2	2	4
21	1	3	3	3	7	8	10	10	8	5	5	3	3	0	5	3	0	0	0	1	4	4	4	4	4
22	5	6	5	4	5	7	8	9	7	7	6	7	5	4	4	4	3	4	4	4	2	2	2	2	5
23	2	2	2	2	2	3	4	4	4	3	4	3	2	1	5	0	0	2	0	0	0	0	0	2	2
24	1	2	0	0	0	0	0	2	4	4	2	****	****	2	3	3	3	2	3	2	2	2	3	2	2
25	2	0	0	4	1	1	5	5	7	5	5	0	2	0	2	4	3	3	3	3	5	6	6	3	4
26	4	3	3	2	3	3	6	6	5	3	7	9	6	4	3	2	2	2	2	3	2	1	1	2	4
27	1	1	0	0	0	0	1	2	2	3	3	2	2	3	2	2	1	1	1	1	1	2	2	1	1
28	1	2	0	2	3	2	3	4	3	5	2	2	2	3	2	2	3	2	3	2	3	4	6	4	3
29	4	4	3	4	5	6	7	11	10	****	7	8	8	6	8	9	5	3	2	2	2	4	2	3	5
30	3	3	3	4	3	5	9	13	9	7	4	4	4	3	3	4	5	3	3	****	5	5	4	4	4
MEAN	3	3	3	4	4	4	5	6	6	6	5	4	3	3	3	3	3	3	2	3	3	3	3	3	3.7

PERCENTAGE OF DATA VALID - 97.1 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 CONCS/1000 FT										
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR															MONTH - MAY 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	9	9	9	11	15	20	****	10	7	5	4	4	3	****	-	3	0	4	3	4	4	6	7	7
2	9	11	13	12	11	17	11	20	19	13	11	7	7	****	5	9	7	6	2	2	4	5	10	13	10
3	9	8	8	8	6	8	9	13	10	7	5	3	2	3	2	3	2	3	2	2	****	3	3	5	5
4	4	5	5	5	11	10	12	9	7	11	8	5	5	4	2	2	2	2	2	3	3	3	3	3	5
5	3	3	4	4	5	5	7	7	7	5	5	4	3	0	3	2	0	6	3	4	7	7	2	3	4
6	3	3	1	0	1	1	3	****	4	6	4	4	3	2	3	2	2	3	3	3	4	8	4	3	3
7	3	3	2	2	2	0	3	****	****	****	6	0	1	0	1	1	2	2	0	0	0	0	0	2	1
8	2	3	2	1	2	1	4	5	5	4	2	2	2	1	4	2	1	2	0	1	0	2	2	1	2
9	5	2	3	3	3	4	5	7	6	4	3	3	2	0	1	6	3	2	2	2	2	3	3	3	3
10	4	6	6	7	5	6	7	4	5	3	3	3	3	2	2	3	1	3	3	3	2	1	2	2	4
11	2	2	2	3	3	4	6	7	5	2	3	3	2	2	2	0	2	1	2	2	2	2	1	0	3
12	1	2	3	5	3	4	8	11	9	6	6	7	9	8	6	5	4	3	****	2	5	5	4	1	5
13	3	1	2	2	2	3	5	12	7	8	8	6	6	9	7	4	5	5	7	6	7	7	4	1	5
14	0	0	0	0	0	2	3	5	5	3	2	3	2	2	2	2	3	2	2	0	4	5	3	-	2
15	5	7	11	10	10	9	15	18	12	6	4	3	3	4	4	****	3	3	4	4	7	6	9	11	7
16	9	6	5	6	9	13	12	13	9	6	7	3	3	2	2	2	2	1	0	2	2	2	2	2	5
17	3	3	1	2	2	3	4	5	5	6	5	5	6	5	4	4	6	11	4	3	3	3	2	2	4
18	2	2	2	2	3	3	5	6	3	3	2	2	2	2	-	1	2	3	3	3	2	3	2	1	3
19	2	1	2	0	3	2	2	4	4	2	1	2	0	1	2	3	2	3	3	3	4	3	3	3	2
20	3	2	3	2	5	6	7	10	7	10	6	5	4	4	3	3	3	3	5	4	4	4	4	4	5
21	3	3	4	6	8	10	14	19	17	11	7	5	5	6	6	5	4	2	2	3	5	6	4	6	7
22	8	10	10	14	14	12	14	16	12	****	6	5	8	5	5	4	4	3	3	5	4	7	8	9	8
23	9	11	8	12	12	10	8	8	7	7	6	7	7	6	7	5	-	6	8	6	5	6	6	5	7
24	6	6	6	9	8	7	7	5	4	6	4	4	4	3	5	5	5	7	6	5	5	4	4	5	5
25	7	5	5	5	4	4	4	3	4	3	3	3	3	2	2	2	0	0	0	0	0	0	0	0	3
26	0	0	0	0	1	2	2	3	2	3	2	2	2	1	2	0	1	1	2	1	2	2	3	2	2
27	1	0	2	4	7	12	17	17	19	15	12	9	6	5	4	4	5	4	3	3	4	6	3	4	7
28	4	5	9	9	8	13	16	20	16	12	9	12	****	13	6	6	5	4	7	7	8	7	6	7	9
29	6	7	8	7	9	11	11	15	21	16	16	19	****	****	12	7	7	6	7	7	9	7	8	8	10
30	9	10	11	7	7	7	6	5	5	4	4	5	4	4	3	2	3	7	6	2	2	2	3	2	5
31	2	4	2	2	6	5	4	3	4	4	3	2	0	0	1	1	0	0	1	2	3	4	2	1	2
MEAN	4	5	5	5	6	7	8	10	8	7	5	5	4	3	4	3	3	3	3	3	4	4	4	4	4.9

PERCENTAGE OF DATA VALID - 97.4

PERCENTAGE OF DATA INVALID - 2.0

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR															MONTH - JUN 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	2	0	0	0	0	0	2	0	1	0	2	2	2	2	2	2	2	3	3	4	4	4	2
2	4	9	2	0	0	0	4	7	10	7	7	5	5	4	5	4	3	2	3	4	4	6	5	5	4
3	2	2	2	3	3	2	6	5	4	5	5	4	4	4	3	3	3	2	2	1	2	6	5	7	4
4	7	11	6	4	4	4	3	4	5	4	3	2	1	2	2	2	2	0	0	0	0	4	3	5	3
5	6	4	5	6	9	7	4	2	1	.....	.....	2	2	3	2	3	3	3	3	2	4	4	5	4	4
6	0	3	2	0	3	3	2	.....	4	9	4	4	3	2	3	2	2	2	3	0	2	5	4	10	3
7	8	7	5	4	2	5	4	2	1	3	3	3	5	5	2	2	2	1	2	5	10	3	5	0	4
8	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	9	9	1
9	7	3	2	2	0	3	4	6	5	1	2	.....	4	2	3	4	4	3	1	3	2	2	0	1	3
10	0	0	0	0	1	2	3	4	.....	5	0	0	2	3	2	0	2	1	1	1	0	4	5	6	2
11	4	3	2	2	3	8	10	10	4	.....	.....	3	2	0	1	2	0	0	2	2	4	10	9	6	4
12	6	8	8	10	12	13	13	.....	.....	15	10	2	5	2	2	2	2	2	2	2	5	4	7	7	5
13	4	4	7	6	5	9	8	8	4	-	-	7	3	4	3	3	3	.....	.....	2	5	4	7	7	5
14	8	8	6	8	.....	.....	.....	.....	.....	.....	6	9	8	5	6	6	7	7	6	7	8	13	15	10	8
15	10	5	10	7	7	10	9	9	6	6	2	5	2	2	2	1	2	0	0	0	0	1	2	2	4
16	0	0	0	0	3	5	7	5	3	2	0	7	3	2	1	0	2	2	2	0	0	5	3	4	2
17	3	4	4	3	6	7	7	8	11	6	4	3	3	2	2	1	3	2	3	2	3	3	7	8	4
18	5	4	9	9	8	8	14	14	13	12	9	7	4	4	4	7	6	7	5	3	0	4	2	3	7
19	.....	3	3	3	4	3	5	6	5	7	5	5	4	5	6	6	4	3	2	0	2	0	0	1	4
20	0	1	0	2	2	4	4	.....	2	3	2	2	2	2	2	2	0	2	2	2	7	4	3	3	2
21	3	3	2	2	2	4	5	5	4	3	2	3	3	3	2	3	2	3	2	4	3	3	4	5	3
22	5	3	3	4	5	5	5	3	5	4	2	3	2	2	3	3	2	2	2	3	4	4	4	3	3
23	3	3	3	4	5	9	10	8	7	5	4	4	3	3	2	3	2	3	3	5	5	6	6	5	5
24	5	7	7	12	10	13	14	15	17	7	4	3	0	2	3	4	-	3	2	2	4	9	6	6	7
25	4	5	5	7	7	8	6	5	4	4	4	3	3	3	2	4	1	2	3	5	5	4	5	5	4
26	5	6	6	6	8	12	16	10	13	11	10	6	5	5	5	3	4	7	3	2	3	5	4	3	7
27	4	4	7	6	7	6	6	.....	7	5	5	4	4	4	2	3	2	2	2	2	2	2	2	2	4
28	0	0	2	2	0	0	3	7	7	7	7	7	6	5	6	7	5	6	7	5	9	3	4	3	5
29	3	4	3	6	.....	.....	9	10	3	2	3	2	2	2	2	2	0	2	1	0	1	1	1	2	3
30	2	0	0	0	0	0	2	2	3	3	2	2	2	3	1	3	2	3	3	2	4	6	11	12	3
MEAN	4	4	4	4	4	5	6	6	6	5	4	4	3	3	3	3	3	3	2	2	3	4	5	5	3.9

PERCENTAGE OF DATA VALID - 96.3

PERCENTAGE OF DATA INVALID - 3.2

PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR D

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - JUL 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	12	12	8	7	6	6	5	3	2	4	3	3	3	4	3	2	3	4	5	4	5	4	4	5
2	4	4	8	5	3	2	2	4	4	3	4	4	0	6	4	3	2	3	3	3	4	4	3	3	4
3	3	0	4	6	3	6	5	7	4	5	4	3	3	5	4	4	4	4	2	3	3	4	6	4	4
4	6	5	7	9	13	8	8	6	6	4	4	4	3	3	3	4	4	4	4	5	4	3	4	4	5
5	4	5	4	4	4	5	7	8	4	6	5	3	1	0	2	2	1	3	2	3	2	2	2	0	3
6	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	3	3	3	3	4	3	4	5
7	7	6	7	7	6	20	13	6	3	2	2	3	3	2	3	2	3	3	2	1	4	2	2	2	4
8	4	4	3	2	3	4	11	9	4	5	6	5	3	2	3	2	3	2	2	4	2	2	2	2	4
9	3	7	3	4	4	5	5	3	4	4	3	6	6	5	3	4	5	4	5	5	5	8	7	6	5
10	5	5	6	5	5	6	7	6	10	7	9	5	7	5	6	5	4	3	3	6	5	5	5	6	6
11	8	10	9	8	7	8	9	13	15	12	9	7	4	4	4	3	3	3	4	4	4	3	3	5	7
12	3	3	3	3	2	3	2	3	2	3	20	2	4	2	2	2	2	1	2	2	2	2	3	3	3
13	3	1	3	2	2	2	2	2	2	2	2	1	2	2	2	2	3	2	3	2	3	3	2	2	2
14	3	2	3	6	8	8	8	3	3	3	3	2	4	5	3	3	3	4	2	4	3	4	3	4	4
15	4	4	3	4	4	4	7	4	5	6	6	5	5	4	7	5	4	5	5	6	4	4	3	4	5
16	3	2	8	7	6	4	6	5	5	5	5	5	5	7	4	3	3	3	5	6	4	3	3	2	4
17	2	2	4	5	6	6	6	7	5	4	4	1	3	2	3	3	3	2	2	3	3	3	2	2	3
18	2	0	2	2	2	6	6	6	3	2	3	7	6	6	4	5	3	4	4	3	4	3	3	3	4
19	3	3	4	5	6	5	9	7	8	7	5	3	5	4	6	5	3	3	3	4	6	9	5	8	5
20	6	4	3	3	1	2	0	4	3	2	3	3	3	1	2	2	2	3	1	4	2	3	0	4	3
21	0	2	2	3	2	2	5	7	3	3	0	3	4	3	2	3	6	7	3	4	3	3	2	2	3
22	6	4	4	8	4	7	6	6	4	4	3	4	4	4	2	2	0	0	1	0	0	0	0	0	4
23	0	6	4	2	4	4	4	12	0	12	16	10	22	20	10	3	2	1	2	1	0	1	2	5	6
24	7	7	8	8	8	12	12	7	9	5	4	3	2	1	2	2	2	2	0	2	2	4	3	4	5
25	3	3	4	4	7	6	8	6	5	5	5	4	5	4	3	3	3	2	2	2	4	4	4	3	4
26	4	4	3	4	6	4	4	5	6	4	4	3	4	3	4	3	4	3	2	3	3	2	2	2	4
27	1	1	0	3	0	0	0	2	1	2	3	1	2	4	2	3	4	3	3	3	4	3	3	2	2
28	4	3	3	0	1	2	3	5	8	9	8	9	6	7	-	-	3	3	3	3	-	-	-	7	5
29	7	7	6	5	5	3	4	6	10	12	12	9	6	6	6	5	4	6	4	4	4	3	4	7	6
30	6	5	3	2	2	2	3	5	5	7	3	2	3	1	2	4	3	3	3	3	7	7	6	5	4
31	5	5	2	2	2	2	4	4	6	5	3	4	4	5	4	5	5	5	5	6	6	3	4	4	4
MEAN	4	4	4	4	4	5	6	6	5	6	5	4	4	4	4	3	3	3	3	3	3	4	3	4	4.1

PERCENTAGE OF DATA VALID - 97.3

PERCENTAGE OF DATA INVALID - 2.0

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	5	4	4	5	6	6	8	6	8	4	4	4	4	3	5	4	3	5	5	5	9	11	5
2	9	8	12	13	7	7	***	***	7	6	3	2	1	2	3	0	2	7	3	3	4	4	4	3	5
3	2	3	2	0	0	0	0	1	2	3	2	2	2	1	0	3	3	3	4	4	2	2	1	1	2
4	1	2	3	2	1	3	4	3	0	2	3	3	1	3	1	1	4	3	2	2	3	2	3	2	2
5	2	2	4	3	3	3	4	4	4	7	2	4	2	3	2	3	4	3	3	3	5	6	5	4	4
6	5	3	4	5	5	6	9	10	10	8	10	5	3	4	3	4	3	4	3	3	6	4	4	4	5
7	9	8	6	2	6	5	6	10	6	4	4	5	3	3	3	2	3	-	2	3	5	6	7	7	5
8	13	9	8	6	12	12	10	12	6	4	4	10	6	5	6	4	3	3	2	2	2	3	3	3	6
9	3	2	2	3	2	4	4	4	4	4	2	1	2	2	2	2	2	0	2	0	0	3	2	1	2
10	2	0	2	0	0	0	1	0	0	0	2	0	2	0	2	3	2	2	2	2	2	1	1	0	1
11	0	0	1	2	1	3	3	3	3	3	2	3	0	4	0	4	***	2	4	3	3	2	2	2	2
12	0	2	2	2	2	3	4	3	4	3	2	2	3	2	2	3	1	2	2	2	2	4	4	5	2
13	4	3	3	3	3	4	***	6	6	4	4	4	2	3	4	4	4	4	3	3	2	4	5	6	4
14	6	8	6	6	1	3	3	8	7	7	6	7	6	6	7	6	7	6	6	7	6	4	4	2	6
15	1	3	2	4	3	3	4	3	4	5	4	4	3	3	2	3	2	2	2	2	3	2	0	2	3
16	0	3	2	4	0	2	2	2	2	2	0	0	0	0	0	0	3	0	0	3	3	3	1	1	1
17	0	0	0	0	0	0	0	2	0	0	0	3	1	1	2	0	1	0	1	2	0	2	1	2	1
18	2	1	2	3	2	4	5	10	8	8	***	14	8	4	5	4	3	4	5	6	6	7	6	5	5
19	6	3	2	4	7	6	9	9	7	6	6	2	2	8	4	6	6	4	5	5	8	6	5	6	6
20	5	0	7	6	5	5	***	5	10	5	7	9	7	4	3	6	3	3	2	3	4	5	4	6	5
21	6	5	-	***	2	4	3	***	3	3	3	3	3	***	0	4	3	2	1	3	2	4	9	8	4
22	3	2	2	3	2	3	4	5	4	3	3	2	3	2	3	3	2	1	1	3	3	4	3	2	3
23	4	2	2	3	4	3	4	3	0	3	2	2	2	0	0	1	0	2	1	3	2	4	6	5	2
24	4	4	3	4	3	3	2	2	3	3	3	2	0	0	0	0	0	2	3	3	3	7	6	3	3
25	***	6	10	10	12	11	15	14	7	8	7	5	6	6	5	4	4	5	5	5	7	8	8	7	7
26	6	5	4	7	7	10	14	-	14	12	8	***	5	4	4	4	5	4	4	6	8	9	15	13	8
27	9	9	8	10	9	11	16	17	0	11	8	***	5	4	4	3	5	4	4	5	4	5	4	3	5
28	15	3	3	3	3	3	3	4	4	6	11	7	5	5	5	6	5	5	5	6	6	5	5	5	5
29	4	3	3	4	4	6	9	12	9	6	5	5	5	3	5	6	5	5	5	6	6	5	5	5	5
30	4	4	5	6	8	8	3	5	12	12	6	3	4	3	2	4	2	2	3	3	2	2	2	5	5
31	4	3	8	5	3	3	6	3	3	3	7	3	2	2	0	2	2	3	2	3	2	2	2	0	3
MEAN	4	4	4	4	4	5	5	6	5	5	5	4	3	3	3	3	3	3	3	3	4	4	4	4	4.0

PERCENTAGE OF DATA VALID - 98.0

PERCENTAGE OF DATA INVALID - 1.6

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX		UNITS - 0.1 COMS/1000 FT																							
STATION - SW NO 12008		467 UNIVERSITY AV WEST F2 WINDSOR												MONTH - SEP 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	3	****	****	4	2	2	4	0	2	3	0	2	2	0	2	4	2	2	2	3	3	4	4	2
2	5	7	4	5	4	6	6	5	8	7	4	5	4	3	2	1	2	0	2	3	4	4	6	5	4
3	4	4	4	3	3	5	8	10	6	4	3	4	2	2	0	3	2	0	1	3	2	4	3	3	3
4	2	3	4	3	4	4	7	10	4	4	3	4	4	3	4	****	26	4	5	-	6	6	6	3	5
5	9	5	4	5	5	6	6	7	****	4	3	4	2	2	2	3	****	5	3	6	10	7	8	10	5
6	8	6	8	5	4	4	6	5	5	6	6	4	4	3	2	2	2	3	3	1	2	1	3	3	4
7	4	5	4	4	6	4	4	5	3	4	3	3	2	3	2	0	2	2	3	3	4	4	6	4	3
8	4	3	3	3	4	7	13	14	8	5	3	3	2	3	2	3	3	3	3	4	4	6	4	6	5
9	3	4	4	5	6	7	12	9	10	5	5	4	6	8	5	3	3	2	2	2	2	2	2	2	5
10	2	2	2	3	2	4	9	13	6	4	3	3	0	4	2	2	2	2	3	3	3	4	4	4	3
11	4	3	4	6	8	6	15	****	6	7	5	3	3	4	4	6	6	5	6	7	5	3	4	7	6
12	6	4	4	4	3	5	7	8	9	7	5	5	5	6	6	7	7	5	5	4	4	3	3	3	5
13	3	3	3	3	5	5	4	5	5	4	5	3	5	6	4	4	0	0	4	5	5	0	0	0	1
14	6	9	9	6	6	7	5	6	4	4	3	3	4	3	3	0	0	0	0	0	1	2	0	0	3
15	0	0	1	5	1	1	3	-	2	2	2	3	0	2	2	1	2	2	1	2	3	4	3	2	2
16	2	2	2	3	5	4	6	5	3	7	2	2	4	4	4	5	3	3	3	6	4	4	3	4	4
17	5	4	3	2	3	2	3	3	1	2	2	2	2	2	2	2	2	2	2	2	2	3	1	2	2
18	0	0	0	0	0	1	3	****	****	9	2	0	2	2	2	2	2	2	2	3	7	9	7	3	5
19	9	9	9	6	6	8	6	****	5	5	3	3	3	2	2	6	4	3	4	4	7	4	3	2	5
20	3	3	3	3	4	4	5	7	5	6	4	3	5	4	4	6	3	6	6	5	7	6	6	5	5
21	5	7	5	3	4	3	2	2	2	3	3	2	4	4	4	3	2	2	3	4	3	3	1	0	3
22	1	2	2	2	2	2	3	5	7	5	4	5	5	5	3	2	3	2	3	7	5	3	2	0	3
23	0	0	0	0	0	2	3	5	4	3	3	2	2	0	1	0	2	0	0	0	1	3	2	2	1
24	1	0	0	1	0	1	5	10	6	2	2	0	1	2	2	1	2	2	2	3	4	5	4	3	2
25	2	3	3	3	2	6	7	9	10	18	8	6	7	6	9	7	9	7	5	6	4	3	3	3	6
26	1	1	0	0	0	0	1	2	1	3	0	2	0	1	0	1	1	2	3	2	3	6	5	4	2
27	3	3	2	3	4	-	5	10	7	2	1	2	2	2	1	2	2	2	3	4	7	9	7	1	3
28	9	6	4	3	3	3	2	2	2	3	0	3	2	0	2	1	2	2	2	2	2	2	3	1	3
29	1	0	0	2	2	3	5	6	4	8	5	3	3	3	3	2	4	5	5	5	5	8	6	4	8
30	9	9	9	8	11	10	13	13	13	11	9	9	6	4	3	-	4	6	5	4	5	6	8	6	8
MEAN	4	4	3	3	4	4	6	7	5	5	3	3	3	3	3	4	4	3	3	3	4	4	4	4	3.5

PERCENTAGE OF DATA VALID - 98.2

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX		UNITS - 0.1 COMS/1000 FT																							
STATION - SW NO 12008		467 UNIVERSITY AV WEST F2 WINDSOR												MONTH - OCT 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	5	4	4	4	6	5	4	5	5	4	****	3	5	4	5	5	7	6	4	3	3	3	5
2	0	1	5	4	4	3	6	7	6	5	5	2	3	2	3	-	****	2	4	10	15	14	3	8	5
3	3	7	4	4	3	3	4	6	7	6	3	3	2	2	2	5	2	2	0	0	2	1	0	2	3
4	0	0	0	0	0	0	1	3	3	3	3	3	1	1	2	2	3	1	2	2	2	2	1	2	2
5	1	1	0	0	0	0	0	0	3	2	5	2	2	0	2	2	0	2	1	2	2	2	2	1	2
6	2	3	1	0	4	6	9	8	11	9	6	3	2	3	3	3	5	-	8	6	6	7	7	12	5
7	9	8	9	9	9	13	14	24	29	24	20	16	9	5	5	5	5	7	9	8	10	11	11	12	12
8	9	6	5	8	5	6	7	9	9	-	-	4	7	4	5	5	5	7	8	9	6	4	2	2	6
9	0	0	0	1	2	3	5	6	2	3	2	2	2	3	3	2	0	2	2	2	2	3	3	1	2
10	0	2	2	3	6	7	8	14	13	7	2	2	3	3	5	4	5	6	4	5	7	5	4	6	5
11	10	12	10	23	6	6	9	5	4	3	4	1	1	0	1	1	1	2	0	2	0	0	0	0	4
12	0	1	0	0	0	0	0	1	0	2	0	2	0	0	2	2	1	0	2	4	9	6	4	2	2
13	3	2	2	3	6	7	7	8	5	4	2	3	2	2	2	2	1	2	3	5	5	1	4	2	1
14	3	9	12	8	6	7	11	12	12	9	4	3	2	2	2	3	3	2	2	3	3	2	3	5	5
15	3	4	4	4	3	4	3	6	****	9	6	2	5	5	4	5	3	4	4	4	3	4	4	4	4
16	4	3	3	3	4	5	6	4	7	8	9	10	12	9	9	10	14	15	13	11	9	9	11	6	8
17	5	5	4	5	4	5	4	3	3	5	4	4	****	4	3	3	4	4	3	2	0	0	5	9	4
18	7	3	7	2	0	2	5	3	4	5	4	3	3	2	0	0	0	0	3	3	4	1	3	3	3
19	5	3	2	0	0	2	0	0	2	4	2	1	2	0	2	2	3	2	0	3	4	3	3	10	2
20	7	8	4	2	4	2	3	6	6	6	5	4	4	3	2	4	4	5	4	5	9	11	6	5	5
21	5	6	5	****	****	****	****	****	****	6	4	2	5	2	0	0	2	3	3	3	3	3	2	3	3
22	3	4	8	11	9	9	14	20	23	16	9	3	3	2	0	1	0	1	0	3	2	2	1	2	6
23	3	0	0	0	0	0	2	-	5	3	1	3	3	-	2	2	1	2	1	2	2	3	2	2	2
24	3	3	3	3	3	4	5	0	-	4	6	-	4	3	3	6	4	4	4	3	4	4	3	2	4
25	2	2	2	1	4	4	2	2	3	3	-	2	3	2	2	1	1	1	2	0	1	1	0	-	2
26	-	-	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2	1	0	0	1	0	1	0
27	0	0	0	0	4	7	4	12	8	10	8	5	5	5	4	5	5	6	5	4	3	3	4	4	5
28	4	4	3	3	3	3	3	2	5	5	6	5	6	5	3	4	3	3	3	4	4	6	5	3	4
29	3	2	2	3	2	3	3	6	11	18	15	10	5	5	4	4	0	3	3	3	3	3	3	3	5
30	9	10	8	8	7	8	8	11	15	15	17	10	19	3	4	3	3	3	4	5	5	9	10	8	8
31	15	12	13	6	11	12	14	15	14	-	9	7	5	3	4	4	2	1	2	3	5	6	-	7	8
MEAN	4	4	4	4	4	4	5	7	8	7	6	4	4	3	3	3	3	3	3	4	4	5	4	4	4.3

PERCENTAGE OF DATA VALID - 96.9

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY ME

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 CGMS/1000 FT													
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR													MONTH - NOV 80													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	6	5	3	1	4	3	3	3	6	5	0	5	2	2	1	2	2	3	3	2	2	1	1	0	3	
2	0	0	0	0	0	0	0	0	4	5	4	3	2	3	1	0	3	4	3	3	2	3	4	2		
3	4	3	4	-	4	3	4	5	5	6	7	4	5	6	4	3	3	3	4	4	3	3	3	4		
4	3	3	3	4	4	12	8	9	7	7	5	5	5	5	8	5	4	4	3	2	2	0	5	6	5	
5	2	3	3	3	4	5	4	3	12	12	-	-	-	4	3	2	3	2	7	8	8	8	6	5		
6	3	4	4	8	13	5	4	4	6	7	10	6	4	6	2	4	3	3	3	3	4	9	6	5		
7	4	5	4	4	5	5	6	8	7	7	7	7	7	8	10	11	14	17	7	4	3	2	2	1	6	
8	0	0	0	0	0	0	-	-	-	2	3	3	2	2	-	2	1	2	2	1	2	2	3	3	2	
9	3	3	3	3	4	7	9	8	9	6	-	0	0	0	1	0	0	0	2	2	3	3	3	0	3	
10	0	0	-	0	0	0	0	2	3	1	3	6	3	0	2	1	3	2	0	0	0	0	0	0	1	
11	0	0	0	0	0	0	0	2	5	2	3	3	3	3	3	-	-	-	-	-	-	-	-	-	*****	
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7	9	7	6	7	8	7	*****	
13	5	*****	*****	5	5	7	7	7	7	8	9	11	15	9	9	9	12	10	8	8	12	10	13	9	9	
14	8	7	7	7	7	4	4	4	4	6	*****	3	4	3	3	3	3	3	1	2	1	1	2	2	4	
15	1	3	2	2	2	2	1	2	3	2	3	5	2	2	2	2	2	2	6	2	2	0	2	0	2	
16	0	2	2	1	2	3	2	2	6	7	4	4	3	2	1	0	0	0	5	5	4	4	4	2	3	
17	6	2	2	3	6	12	12	9	4	3	-	3	2	4	3	3	3	4	4	4	3	3	3	4	4	
18	*****	5	5	2	3	2	2	3	5	4	3	2	3	2	3	3	2	3	2	2	2	4	6	11	3	
19	5	3	3	9	20	18	14	7	13	12	10	7	3	7	7	3	5	8	14	15	13	16	8	11	10	
20	11	9	6	7	8	7	10	10	11	10	11	10	7	6	3	3	4	3	4	4	4	6	6	5	7	
21	6	5	5	4	5	4	6	8	5	*****	3	4	4	3	2	2	3	3	4	4	4	3	1	13	4	
22	14	12	8	6	5	5	4	4	7	9	7	6	5	4	3	1	2	2	3	2	3	4	3	3	5	
23	5	4	4	5	5	4	4	3	5	6	6	6	5	6	6	6	5	5	5	5	4	5	7	5		
24	7	4	5	5	4	4	5	8	10	9	8	7	3	4	5	4	1	4	3	2	2	2	0	0	4	
25	0	0	2	0	1	1	0	3	4	5	6	3	3	2	3	0	0	5	4	6	8	14	21	22	5	
26	13	12	10	9	11	12	15	27	28	29	17	10	8	3	2	0	1	5	5	7	5	4	4	4	10	
27	-	2	2	3	2	2	2	3	*****	3	3	3	4	5	4	5	4	3	3	3	3	2	3	2	3	
28	2	2	2	2	2	2	3	5	4	4	3	3	3	3	3	3	4	5	6	5	7	5	3	2	3	
29	3	5	7	6	11	3	6	5	7	5	6	4	3	0	7	*****	2	2	2	3	2	4	6	10	6	5
30	5	5	5	3	3	3	4	2	2	3	5	2	1	0	0	2	2	4	4	5	4	4	6	8	3	
MEAN	4	4	4	4	5	5	5	6	7	7	6	5	4	4	4	3	3	4	4	4	4	5	5	5	4.5	

PERCENTAGE OF DATA VALID - 93.9

PERCENTAGE OF DATA INVALID - 1.0

PERCENTAGE OF DATA UNAVAILABLE - 5.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 CGMS/1000 FT											
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR														MONTH - DEC 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	8	12	17	7	10	12	15	15	****	15	7	10	5	6	9	9	8	7	7	7	5	6	5
2	5	3	3	4	3	4	3	5	3	2	0	12	4	4	2	0	2	1	0	0	0	0	0	0	3
3	0	0	0	0	0	0	2	4	8	16	8	6	4	5	4	4	5	5	4	4	3	2	1	2	4
4	2	2	2	2	2	2	2	2	4	4	8	***	***	1	2	2	3	3	3	3	2	-	2	2	3
5	2	2	2	3	3	3	3	4	4	4	6	7	5	6	6	7	7	6	5	4	5	6	6	4	5
6	8	8	9	9	9	10	11	12	12	11	13	13	12	12	11	11	9	9	10	15	13	11	9	8	11
7	10	9	9	10	8	8	7	6	6	5	6	8	6	5	6	8	5	4	4	5	3	4	12	5	7
8	4	5	3	4	3	4	4	3	4	5	4	5	8	4	5	3	4	4	2	2	0	0	0	0	3
9	0	0	0	0	0	0	0	2	2	5	2	2	2	3	6	9	11	11	6	5	-	-	0	1	3
10	3	2	3	2	2	2	2	3	4	4	3	3	4	2	3	2	2	2	2	1	0	1	0	0	2
11	0	0	2	0	2	2	3	7	0	4	6	5	***	4	3	6	7	3	6	3	-	-	-	3	3
12	2	3	4	7	5	3	4	4	4	5	5	7	6	7	9	11	10	6	8	6	7	4	4	7	6
13	8	10	8	7	4	2	2	1	2	4	1	5	3	0	2	0	0	0	2	6	12	8	4	4	4
14	3	5	4	2	2	3	1	1	1	4	0	3	3	2	0	0	0	0	1	2	1	2	4	2	2
15	3	7	6	3	2	3	7	6	3	9	9	4	4	6	***	***	4	4	3	3	4	5	5	3	5
16	7	3	2	3	3	4	6	6	8	8	5	3	3	4	6	3	2	2	0	0	2	2	3	3	4
17	3	3	4	5	5	4	10	15	19	11	6	3	0	1	0	2	2	2	3	3	5	4	6	5	5
18	***	***	10	10	10	10	9	5	3	5	3	9	3	3	2	4	3	3	3	4	3	-	-	-	5
19	1	0	0	2	1	1	2	3	5	8	6	0	-	-	2	0	0	0	2	2	2	3	3	3	2
20	4	4	3	4	4	3	4	3	4	8	7	5	3	2	0	0	0	0	3	2	3	3	3	4	3
21	4	4	3	3	3	3	4	5	7	8	4	4	4	2	3	3	2	3	17	9	18	17	11	11	6
22	14	9	8	6	5	5	6	4	12	3	4	4	4	3	0	5	2	0	7	3	6	7	7	10	6
23	7	8	9	7	9	8	8	9	***	6	6	6	7	7	4	6	5	6	5	10	9	8	8	5	7
24	9	5	7	6	8	6	5	5	3	2	2	2	2	2	1	0	0	0	0	0	0	0	1	3	3
25	3	3	3	2	4	4	3	2	3	6	6	4	0	3	0	1	0	0	0	2	4	3	4	4	4
26	3	3	4	3	2	3	3	3	3	4	6	3	3	3	6	4	4	4	3	5	4	3	6	4	4
27	5	4	6	6	5	5	4	10	10	15	11	7	4	3	1	2	2	3	3	4	4	4	4	6	5
28	5	5	6	5	6	6	6	7	7	10	9	8	8	6	6	7	7	6	8	8	9	9	10	10	7
29	9	12	14	14	9	7	12	16	19	21	21	12	9	10	8	7	5	4	2	2	1	1	2	1	9
30	2	2	2	0	0	0	0	3	3	***	2	3	0	4	2	3	3	3	2	2	2	2	2	3	2
31	4	3	2	1	2	0	2	2	3	3	3	4	2	1	3	4	2	0	2	0	2	2	1	-	2
MEAN	5	4	5	5	4	4	5	5	6	7	6	6	4	4	4	4	4	3	4	4	4	5	4	4	4.6

PERCENTAGE OF DATA VALID - 97.0

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4.5	9	24
FEB	29	4.8	13	33
MAR	30	3.8	7	20
APR	30	3.7	7	20
MAY	31	4.9	10	21
JUN	30	3.9	8	17
JUL	31	4.1	7	22
AUG	31	4.0	8	17
SEP	30	3.9	8	26
OCT	31	4.3	12	29
NOV	28	4.5	10	29
DEC	31	4.6	11	21
YEAR	363	4.2	13	33

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	452	244	25	7	2	0	0	730
FEB	396	249	39	4	2	1	0	691
MAR	509	202	11	3	0	0	0	725
APR	494	185	16	4	0	0	0	699
MAY	414	247	46	17	1	0	0	725
JUN	461	209	21	2	0	0	0	693
JUL	486	218	15	4	1	0	0	724
AUG	493	210	24	2	0	0	0	729
SEP	480	215	10	1	1	0	0	707
OCT	470	200	39	7	5	0	0	721
NOV	420	212	33	6	5	0	0	676
DEC	438	237	37	8	2	0	0	722
YEAR	5513	2628	316	65	19	1	0	8542

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.2	0	0.3	2.0	3.0	4.6	7.8	9.8	12.8	15.0	33	4.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - SW NO 12016 COLLEGE/SOUTH STREET WINDSOR													MONTH - JAN 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 MEAN	
1	5	9	12	13	14	13	18	14	11	8	7	8	7	7	8	8	7	4	3	4	4	4	4	3	
2	2	7	4	3	2	4	5	5	8	10	7	8	6	5	6	8	10	4	3	3	3	0	1	2	
3	1	1	0	2	2	1	3	2	4	6	4	4	5	3	3	3	4	5	2	5	1	0	0	3	
4	1	1	2	2	1	0	2	3	2	3	5	5	5	5	5	0	3	5	3	3	3	4	3	3	
5	3	3	3	3	2	2	3	3	3	4	3	1	3	2	3	2	2	2	2	3	4	5	8	8	
6	9	10	11	11	10	12	11	11	9	7	4	2	3	2	3	1	3	3	2	3	0	3	2	3	
7	3	3	3	3	8	8	7	7	7	9	9	14	8	8	6	4	6	6	11	9	5	11	6	4	
8	6	5	2	2	2	2	3	6	9	7	9	7	7	4	5	3	5	5	4	5	5	6	4	3	
9	3	3	2	3	0	2	3	5	5	8	10	7	4	5	2	3	0	2	4	4	4	5	5	5	
10	6	6	7	5	4	4	4	7	6	8	7	7	5	6	7	6	***	9	9	5	5	5	5	5	
11	4	4	3	4	3	2	3	2	3	2	0	1	2	2	7	7	4	3	3	3	3	4	4	4	
12	3	7	2	3	1	2	5	6	3	4	3	4	2	6	2	3	4	5	4	2	2	2	2	2	
13	2	2	2	2	0	2	3	2	2	2	3	3	1	3	0	0	3	3	3	2	2	2	2	3	
14	6	3	2	3	4	5	3	7	9	14	11	9	8	10	10	8	10	8	7	7	8	5	4	4	
15	3	3	3	3	2	3	3	3	3	5	2	4	4	2	4	3	4	3	4	4	3	6	5	5	
16	6	5	5	6	6	5	6	8	6	5	5	7	6	8	9	9	8	10	8	5	6	6	5	6	
17	5	4	4	4	3	3	4	5	4	5	7	4	4	4	4	3	0	2	6	0	2	0	2	3	
18	3	2	2	4	11	7	8	5	6	10	10	4	5	2	3	3	2	3	4	3	4	2	2	4	
19	2	3	1	2	3	8	12	10	5	4	3	4	6	3	5	2	3	5	5	3	3	3	0	...	
20	2	2	1	1	1	0	2	1	0	3	2	1	0	0	2	0	0	2	3	2	3	7	6	...	
21	3	5	6	11	16	8	9	12	13	13	11	10	10	4	5	4	4	3	3	4	2	2	2	2	
22	2	2	2	2	2	3	4	4	4	3	4	2	6	9	6	8	4	4	3	9	5	5	4	4	
23	2	0	0	0	0	1	2	1	3	2	3	2	2	2	2	2	7	0	2	0	2	1	4	3	
24	5	4	4	6	4	3	3	4	...	4	4	2	2	4	1	1	0	2	2	7	4	4	2	5	
25	7	8	4	2	3	4	5	5	6	7	6	6	13	10	9	8	7	5	3	2	9	6	16	10	
26	4	4	5	3	7	8	10	9	8	6	9	6	3	0	3	3	2	0	2	2	6	9	9	7	
27	8	10	10	12	11	5	9	8	8	7	5	6	4	2	3	3	3	4	3	3	3	3	2	0	
28	1	2	0	0	0	2	0	3	4	6	5	2	0	3	2	4	0	0	3	6	2	0	1	4	
29	4	8	6	9	7	9	7	10	10	5	0	3	3	2	4	2	2	2	4	5	6	6	3	6	
30	7	5	7	4	2	2	3	3	4	3	5	3	3	4	2	2	5	6	2	2	2	2	2	5	
31	4	2	0	2	0	2	2	4	5	7	7	2	4	2	2	2	2	0	2	0	0	2	2	3	
MEAN	4	4	4	4	4	4	5	6	6	6	6	5	5	4	4	4	4	4	4	4	4	4	4	4	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ... INDICATES DATA IS UNAVAILABLE

3. INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COHS/1000 FT													
STATION - SW NO 12016 COLLEGE/SOUTH STREET WINDSOR												MONTH - FEB 80													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 MEAN	
1	3	3	3	3	2	5	5	8	8	7	4	3	4	3	2	2	0	1	1	2	3	3	6	4	4
2	6	4	3	4	2	4	3	3	5	5	3	3	2	2	3	0	0	0	2	2	2	3	5	6	3
3	5	9	9	5	4	3	3	3	3	4	3	3	2	2	1	2	0	0	0	2	2	2	2	3	3
4	3	2	2	3	3	2	5	1	5	6	6	6	3	0	0	2	2	2	3	3	8	4	5	6	3
5	6	7	7	8	10	8	13	9	8	8	4	2	3	0	1	1	1	0	3	3	2	1	3	3	5
6	2	3	1	1	0	0	3	3	4	3	4	3	5	3	1	2	4	3	3	3	3	4	2	5	3
7	3	4	3	3	2	3	2	4	3	3	5	3	4	3	3	3	4	3	4	7	7	7	4	4	4
8	6	7	10	8	7	7	11	19	12	17	9	4	10	10	6	8	8	6	5	3	5	5	7	8	8
9	7	7	3	2	0	0	2	1	1	2	1	3	2	2	2	3	2	4	2	3	0	2	4	3	2
10	3	7	3	4	6	5	4	6	6	4	2	2	2	2	1	3	4	1	2	3	3	4	3	4	4
11	5	5	4	3	1	3	2	2	3	2	2	2	3	4	5	6	7	9	4	4	5	7	6	4	4
12	8	9	3	5	7	8	10	13	15	13	7	10	7	5	5	8	12	6	2	2	3	4	10	7	7
13	19	11	21	14	9	7	5	6	7	7	7	5	2	3	3	3	3	4	2	5	3	5	4	4	7
14	7	5	3	9	8	5	6	6	6	7	5	5	5	4	4	3	4	4	4	5	5	6	6	5	5
15	4	5	4	2	3	1	2	3	3	3	3	2	2	3	2	3	2	2	3	4	2	2	2	3	1
16	5	3	0	0	0	0	2	0	2	3	2	3	2	1	1	0	0	0	1	2	3	2	2	1	1
17	1	2	2	2	2	...	2	4	10	15	12	6	4	7	4	2	3	2	2	3	1	5	6	6	4
18	3	5	5	5	2	3	3	3	3	3	6	7	4	3	3	5	0	1	2	1	3	2	2	3	3
19	2	4	3	3	3	3	2	3	4	5	7	9	3	4	5	5	5	6	5	3	4	6	5	6	4
20	5	6	8	5	5	6	6	7	7	9	5	9	7	7	9	9	9	7	11	15	15	11	12	5	8
21	8	7	8	7	7	8	9	10	7	6	5	4	5	5	5	3	...	2	4	2	6	3	5	4	6
22	4	3	4	3	2	2	5	3	8	5	5	6	14	12	8	5	4	4	2	3	1	0	3	2	5
23	3	4	3	2	4	4	3	3	4	5	4	4	2	3	5	2	4	5	6	3	9	3	4	2	4
24	8	2	5	4	8	4	5	3	3	4	3	2	2	5	3	4	4	3	0	2	5	3	4	2	4
25	3	6	4	2	1	2	3	3	5	3	3	2	2	7	2	3	2	0	0	2	3	0	0	0	2
26	0	2	1	0	0	0	2	3	4	6	4	4	5	3	4	3	1	0	0	2	3	3	4	3	3
27	4	4	0	2	0	0	5	10	9	4	2	4	2	2	2	3	0	3	2	2	1	0	2	2	3
28	2	2	1	1	0	2	3	3	4	5	5	3	2	3	0	1	0	3	0	0	0	2	2	1	2
29	3	2	0	0	0	2	3	3	6	5	5	4	3	3	2	2	0	2	0	0	0	2	2	2	2
MEAN	5	5	4	4	3	4	4	5	6	6	5	4	4	4	3	3	3	3	2	3	4	4	4	4	4.0

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ... INDICATES DATA IS UNAVAILABLE

3. INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - SW NO 12016 COLLEGE/SOUTH STREET WINDSOR													MONTH - MAR 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	3	2	3	2	3	3	3	4	4	2	2	1	2	0	0	0	0	2	0	0	2	3	2
2	3	3	2	1	3	3	3	6	7	6	6	4	3	2	0	0	1	0	4	4	7	7	10	11	4
3	9	8	8	7	3	3	2	3	5	6	3	4	2	0	3	1	2	3	2	3	4	3	3	4	4
4	4	3	4	4	3	6	13	6	8	7	6	7	3	2	3	4	3	2	3	3	4	4	4	5	5
5	3	4	4	4	3	4	5	4	6	8	11	12	4	3	3	0	0	1	1	2	0	1	3	5	4
6	2	2	5	5	6	5	4	12	12	4	2	1	2	3	3	3	2	1	2	2	0	3	2	7	3
7	6	7	6	4	4	4	4	6	7	5	5	4	3	2	3	3	3	7	3	4	2	4	3	4	4
8	3	4	3	3	5	3	5	5	6	7	6	7	6	8	6	5	6	4	5	4	3	4	6	11	5
9	15	10	6	10	16	5	3	4	9	11	9	11	5	3	3	4	1	2	2	3	3	3	2	2	6
10	4	5	3	4	2	3	3	4	6	6	5	4	5	7	4	8	9	6	2	0	0	0	0	0	4
11	0	3	6	3	3	4	4	4	4	4	4	5	4	1	1	1	1	0	1	0	2	1	0	0	3
12	1	2	2	2	3	2	3	4	7	4	0	0	0	0	0	1	0	1	0	0	1	2	0	1	2
13	2	0	0	2	2	0	0	2	3	2	1	1	3	4	5	5	6	4	3	3	4	6	9	7	3
14	4	3	2	0	1	2	2	3	4	3	6	4	3	2	0	2	2	0	2	2	2	3	2	3	2
15	3	2	3	4	5	4	3	3	3	4	3	0	0	0	1	0	2	1	1	2	2	2	0	1	2
16	1	2	1	2	3	3	4	5	6	5	3	3	3	3	3	3	5	2	4	4	5	2	2	3	3
17	0	0	0	0	0	1	2	3	3	3	3	2	2	2	9	5	2	1	2	2	2	2	2	2	2
18	1	2	1	2	2	2	4	5	5	4	5	3	3	3	2	3	3	5	3	2	3	3	4	5	3
19	4	4	4	3	4	2	4	2	3	4	5	3	3	2	2	2	3	2	2	2	3	3	3	3	4
20	3	4	4	4	4	4	4	4	4	3	12	6	2	3	1	2	4	7	4	2	2	3	3	3	4
21	4	3	4	4	2	0	0	3	3	3	3	3	1	2	3	2	2	2	1	1	1	1	2	2	2
22	2	0	2	0	0	0	1	1	3	2	2	1	1	2	0	0	0	0	1	2	3	5	5	2	1
23	2	3	3	0	3	3	2	2	1	1	2	3	1	2	3	3	3	4	4	2	2	3	3	3	2
24	2	2	3	2	2	3	4	5	4	4	5	7	7	7	7	8	4	4	3	3	3	3	3	2	4
25	2	0	1	2	2	0	2	2	3	3	4	3	3	3	5	5	0	2	2	2	5	4	5	5	3
26	7	5	6	3	4	2	4	4	10	12	9	4	3	3	2	3	2	3	1	2	2	9	12	9	5
27	11	9	9	3	1	4	6	9	4	2	1	2	2	5	3	2	3	3	4	6	4	3	4	3	4
28	4	4	5	5	8	9	6	6	7	6	5	3	3	7	6	10	5	5	5	3	6	5	4	6	6
29	5	4	3	4	5	4	5	4	3	4	5	6	4	4	3	4	2	3	4	3	2	3	3	2	4
30	2	3	3	1	1	0	2	4	2	1	2	2	1	1	2	2	2	0	2	1	0	0	0	2	2
31	2	2	2	1	0	2	3	4	4	4	4	5	5	7	6	4	5	6	3	3	4	3	4	4	4
MEAN	4	3	3	3	3	3	4	4	5	5	4	4	3	3	3	3	3	2	2	2	3	3	3	4	3.4

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - SW NO 12016 COLLEGE/SOUTH STREET WINDSOR														MONTH - APR 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	4	5	5	7	5	4	6	6	0	4	2	3	2	3	2	3	2	3	4	6	4	3	4
2	4	5	5	5	5	7	8	8	11	12	12	6	5	5	6	5	5	4	3	7	7	6	8	5	7
3	6	6	5	3	5	3	4	4	3	3	2	5	4	4	4	3	2	3	3	3	3	4	4	3	4
4	2	3	3	4	6	5	8	3	2	2	15	7	1	3	3	0	0	1	0	1	0	1	0	2	3
5	7	11	11	7	8	8	9	9	7	8	6	4	2	3	1	2	2	4	0	3	0	5	9	9	6
6	11	8	3	4	4	3	3	4	6	5	4	3	2	0	2	0	0	0	1	2	2	2	2	3	3
7	3	4	3	3	4	5	3	3	3	4	3	3	1	0	3	2	3	2	7	3	3	4	3	3	3
8	4	3	4	2	0	3	3	2	3	2	2	2	4	3	3	2	2	0	2	2	0	0	1	1	2
9	1	0	0	0	1	0	0	0	0	2	0	2	0	2	2	4	0	2	2	0	2	1	0	3	1
10	1	1	0	3	1	0	4	4	4	2	1	1	2	5	6	5	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	3	2	3	3	2	2	3	2	4	2	6	4	2	1	0	2	2	0	0	0	0	0	0	0	0
13	2	0	3	4	10	8	3	2	3	0	2	1	1	0	0	2	0	0	0	0	0	0	0	0	0
14	0	0	0	0	2	2	2	2	3	2	2	3	2	3	0	2	4	4	2	10	11	8	3	4	3
15	3	2	0	5	5	2	2	6	9	10	2	8	6	2	0	2	3	3	0	0	2	2	2	2	2
16	0	0	0	0	0	0	2	1	2	2	1	2	2	3	2	2	0	0	3	2	3	4	4	4	3
17	3	2	2	2	4	3	3	2	0	4	1	6	1	3	3	2	2	3	3	4	4	3	4	4	3
18	5	16	14	7	6	6	7	11	12	7	7	6	6	5	4	3	4	3	2	1	2	2	5	6	6
19	6	6	6	9	10	12	11	8	16	15	10	8	5	5	3	2	4	3	6	3	4	4	4	4	4
20	4	5	9	6	6	16	9	5	5	3	4	3	2	2	0	0	2	1	0	1	4	2	3	2	4
21	3	3	3	5	7	10	12	11	8	6	4	3	3	1	5	0	0	0	0	0	2	1	1	1	1
22	3	3	3	4	4	6	5	7	5	3	4	3	6	8	8	0	5	3	3	9	4	1	1	1	1
23	0	0	4	3	4	5	6	5	4	2	3	3	3	2	3	0	0	3	4	0	0	2	0	2	2
24	0	0	0	1	2	0	0	1	4	3	1	1	1	1	1	2	1	0	3	0	3	3	2	3	2
25	1	3	1	0	2	6	5	8	4	4	6	4	3	4	0	0	2	2	4	5	4	4	5	5	3
26	3	5	4	5	3	4	5	6	3	6	10	9	5	4	4	0	0	0	0	3	2	0	2	2	4
27	2	1	1	1	1	0	2	1	3	3	2	0	2	2	3	2	2	0	0	3	3	0	0	0	1
28	0	0	0	2	2	3	4	2	3	4	0	0	2	1	3	3	2	2	1	2	5	5	6	4	2
29	5	3	3	5	5	3	9	7	10	9	7	8	7	5	7	5	4	3	3	5	4	3	2	5	5
30	5	5	5	5	6	6	6	8	9	9	6	3	4	6	4	5	4	4	5	1	1	1	1	1	1
MEAN	3	3	3	3	4	5	5	5	5	5	4	4	3	3	3	2	2	2	2	3	3	3	3	3	3.5

PERCENTAGE OF DATA VALID - 94.7 PERCENTAGE OF DATA INVALID - 4.3 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - SW NO 12016															MONTH - MAY 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	12	11	12	13	15	21	***	11	11	10	5	5	2	***	-	0	2	1	3	3	3	4	6	
2	3	6	8	15	17	18	21	24	26	***	***	8	11	***	0	5	4	2	3	5	3	4	6	6	9
3	8	12	13	17	10	9	10	13	11	6	7	5	1	5	0	2	2	3	3	4	5	***	5	5	7
4	6	9	5	10	4	8	12	11	11	10	7	6	4	6	3	4	1	3	1	2	7	10	13	5	7
5	4	6	14	7	11	11	11	13	10	5	7	5	8	10	7	11	6	2	7	8	13	10	3	3	8
6	2	5	0	2	3	1	3	4	6	7	7	4	***	3	3	1	0	2	5	3	3	7	3	4	3
7	0	3	2	4	0	2	3	5	6	3	2	3	1	0	2	2	0	0	0	3	0	0	0	0	2
8	2	5	3	2	4	4	3	8	3	0	4	2	3	3	2	2	0	0	0	1	0	2	2	1	2
9	2	3	2	3	3	5	6	8	5	7	4	2	3	3	5	0	2	3	3	2	4	11	9	8	4
10	7	8	4	3	3	4	4	3	3	4	4	5	3	2	0	2	1	0	2	1	1	2	0	1	3
11	2	4	1	2	2	4	5	6	6	9	3	3	6	4	2	0	2	3	2	5	0	2	0	1	3
12	2	4	4	6	4	2	9	9	10	8	7	8	8	4	0	5	7	4	3	2	5	7	3	3	5
13	2	2	3	0	2	0	7	12	8	8	11	7	***	6	6	5	7	3	5	6	9	11	4	3	6
14	0	0	0	0	0	2	4	4	4	4	2	2	2	4	2	1	1	1	1	2	3	2	2	-	2
15	0	3	6	6	5	9	14	18	13	9	2	3	3	5	6	2	3	0	3	5	3	6	12	16	6
16	17	13	15	9	12	27	17	12	***	3	0	1	0	2	2	0	0	2	3	2	2	0	2	2	6
17	0	5	1	2	2	3	3	4	5	6	5	5	4	3	3	5	4	3	3	3	3	2	2	1	3
18	0	2	2	3	3	3	3	3	2	3	5	4	2	5	-	3	4	5	5	5	4	2	2	0	3
19	2	2	3	2	1	1	2	3	3	2	0	0	0	0	0	2	1	0	4	3	5	4	3	3	2
20	4	6	5	3	7	8	9	7	6	11	5	4	2	5	3	4	5	2	5	5	5	4	4	2	5
21	4	6	3	8	9	8	14	15	16	12	6	5	5	7	5	4	3	2	2	6	6	5	4	7	7
22	8	15	10	7	8	8	12	20	14	9	8	7	***	6	5	4	2	0	1	0	4	5	6	15	8
23	22	19	24	27	26	22	15	9	9	8	6	6	6	7	4	5	5	5	5	5	7	10	8	11	8
24	5	9	6	6	4	8	6	7	6	5	3	5	3	3	4	3	3	4	6	5	7	6	4	5	5
25	8	5	4	5	5	4	3	3	2	2	2	3	0	1	1	0	0	0	2	3	0	***	2	2	2
26	0	2	0	0	2	0	3	4	3	2	1	3	2	0	2	0	2	0	2	3	0	5	3	3	2
27	0	2	1	3	5	9	13	12	19	9	6	5	6	6	4	4	2	3	4	3	0	0	2	2	5
28	3	4	13	14	8	7	10	16	18	10	14	6	***	11	4	3	5	2	8	6	4	7	5	6	8
29	5	6	7	8	7	9	10	14	15	18	13	17	15	12	6	7	5	6	6	8	7	6	5	6	9
30	11	9	10	7	5	5	4	4	4	2	4	3	4	4	3	3	3	6	4	1	1	0	0	2	4
31	3	1	0	2	3	3	5	3	3	6	6	5	2	3	2	2	5	4	3	2	3	0	3	2	3
MEAN	5	6	6	6	6	7	8	9	9	7	5	5	4	4	3	3	3	2	3	4	4	4	4	4	5.1

PERCENTAGE OF DATA VALID - 98.0

PERCENTAGE OF DATA INVALID - 1.6

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - SW NO 12016 COLLEGE/SOUTH STREET WINDSOR													MONTH - JUN 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	1	1	2	0	1	0	0	2	1	2	2	3	3	2	5	5	3	5	2
2	5	10	0	0	0	0	5	10	10	8	3	8	4	6	7	1	2	2	1	3	6	5	1	2	4
3	2	2	0	1	0	3	8	5	6	6	4	2	3	3	2	1	2	2	2	3	3	4	4	8	3
4	7	7	6	6	6	3	5	5	7	5	2	2	2	2	2	2	2	0	2	3	1	3	3	3	4
5	4	12	12	10	15	13	10	5	4	***	***	2	3	0	2	2	4	4	5	3	3	3	3	0	5
6	0	3	2	0	2	1	2	0	5	3	5	5	7	4	3	3	2	1	0	0	3	4	6	5	3
7	7	6	5	4	3	4	5	3	2	2	2	2	5	4	2	0	2	2	2	7	12	14	6	2	4
8	3	3	2	0	0	0	0	0	0	2	2	2	2	2	0	0	0	0	2	0	7	4	0	4	1
9	5	8	5	6	2	3	6	6	8	6	5	***	5	5	3	2	3	3	2	2	2	2	1	0	4
10	0	0	0	0	2	3	3	2	***	***	2	3	1	2	1	2	0	2	2	2	1	2	3	3	2
11	3	2	3	2	3	5	11	9	8	7	6	3	0	1	0	0	0	0	3	3	7	3	4	4	4
12	4	4	4	5	8	29	20	***	***	9	4	5	4	0	2	4	2	2	2	3	-	4	2	1	6
13	2	2	3	3	3	4	7	8	8	-	-	4	3	4	3	3	2	***	***	***	4	5	4	5	4
14	7	4	6	4	***	***	***	***	***	***	6	6	6	4	5	6	7	5	4	5	10	8	8	6	6
15	6	9	7	6	6	7	10	7	6	4	0	4	3	1	0	0	0	1	0	0	0	1	0	2	3
16	0	0	0	0	2	4	8	7	5	4	0	2	1	2	0	0	0	2	0	3	2	3	6	5	2
17	5	7	6	5	5	4	4	5	9	8	4	4	0	2	3	3	3	0	2	0	3	5	6	10	4
18	15	13	9	8	9	11	11	15	16	12	8	5	5	5	3	8	4	5	6	6	3	4	3	2	8
19	2	3	3	4	4	7	6	7	4	6	6	4	3	***	5	9	2	3	2	2	0	0	0	0	4
20	0	0	0	3	1	2	5	6	7	3	4	5	2	0	0	0	1	0	4	2	8	10	10	3	3
21	2	2	4	3	2	5	6	6	6	5	4	5	1	3	0	4	3	4	2	2	3	4	3	3	3
22	3	2	2	2	3	3	4	5	7	3	4	2	4	2	2	4	3	3	2	2	3	2	2	3	3
23	2	1	2	2	3	5	5	5	6	5	10	3	5	3	4	0	2	2	4	6	9	10	6	8	5
24	7	6	8	6	12	10	14	16	8	7	3	1	0	0	2	2	-	3	2	1	2	4	3	4	5
25	4	1	3	3	2	9	3	3	2	6	4	2	3	3	1	2	2	2	4	2	4	4	2	3	3
26	3	3	3	4	5	7	7	6	8	5	6	3	5	6	5	7	8	3	1	3	4	4	1	7	5
27	4	4	8	9	8	7	8	10	8	4	3	2	3	4	1	3	2	2	0	3	3	3	0	0	4
28	1	2	0	2	0	1	4	11	6	6	8	4	5	5	4	5	3	3	3	7	7	5	2	3	4
29	3	2	3	14	***	***	***	10	3	3	0	2	9	8	3	3	0	2	2	2	2	0	2	1	4
30	11	4	2	0	0	2	3	3	2	2	2	2	0	2	0	3	4	2	2	2	4	5	4	7	3
MEAN	4	4	4	4	4	5	6	6	6	5	4	3	3	3	2	3	2	2	2	3	4	4	3	4	3.8

PERCENTAGE OF DATA VALID - 96.7

PERCENTAGE OF DATA INVALID - 2.8

PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - SW NO 12016 COLLEGE/SOUTH STREET WINDSOR													MONTH - JUL 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	8	7	7	5	4	4	6	3	3	4	4	2	3	2	0	3	2	3	4	4	3	3	2	4
2	3	4	7	5	3	3	3	4	5	.....	.....	4	3	2	3	2	0	4	3	5	4	4	4	3	4
3	2	2	3	4	4	7	5	8	8	4	3	3	.....	7	2	6	5	4	2	3	4	3	3	2	4
4	3	3	3	5	8	10	9	4	6	3	4	.....	4	.....	2	6	4	5	5	5	5	4	3	3	5
5	4	3	3	3	4	4	4	6	.....	5	5	4	2	1	2	0	0	0	2	2	0	1	1	0	2
6	0	0	0	0	5	2	2	2	1	0	0	1	0	0	0	1	1	0	0	0	3	0	1	2	1
7	2	3	2	6	10	8	4	4	0	0	1	0	2	2	2	1	2	2	2	2	3	2	2	3	3
8	4	3	3	2	2	2	7	7	4	4	4	3	3	2	4	.....	.....	3	0	2	2	2	4	1	3
9	2	2	7	8	.....	6	5	5	4	3	3	7	5	.....	3	3	3	3	2	3	3	5	8	7	4
10	7	6	6	4	6	5	9	8	7	8	8	7	6	7	3	.....	.....	3	3	3	4	4	5	3	6
11	4	4	7	11	10	7	10	13	9	10	10	7	5	6	2	3	2	0	2	1	5	0	3	5	8
12	4	4	2	3	3	4	4	1	3	2	2	4	0	1	0	0	0	0	0	0	2	4	3	2	2
13	2	0	3	4	3	2	1	1	2	1	2	2	0	0	2	1	0	2	2	2	3	4	3	1	2
14	2	.....	2	2	4	3	8	3	3	2	0	3	2	2	2	0	2	1	2	2	4	5	5	2	3
15	2	2	4	2	4	4	4	4	5	4	5	5	8	7	6	8	2	8	7	9	4	2	2	2	5
16	4	4	3	3	10	11	13	6	.....	.....	.....	.....	.....	.....	0	0	0	.....	.....	.....	.....	.....	.....	.....	.....
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	2	3	3	3	1	0	3	0	3	3	3	3	3	2	.....
18	2	4	4	5	5	5	8	3	4	2	2	6	4	7	1	3	4	3	3	3	2	3	0	1	4
19	0	2	2	3	3	4	2	6	10	7	3	4	7	5	3	4	5	3	5	4	5	8	2	3	4
20	1	4	2	2	0	2	2	4	7	2	2	2	2	2	2	4	4	2	3	1	1	3	2	4	3
21	0	0	2	4	6	0	3	7	3	8	0	6	4	5	0	3	8	5	5	4	5	2	5	2	4
22	4	5	6	5	4	5	6	7	7	5	6	5	5	5	3	3	3	0	0	0	3	0	6	.....	4
23	0	0	4	0	2	0	2	6	6	0	0	0	14	14	14	3	0	0	0	0	3	3	4	4	3
24	4	3	3	9	10	10	14	21	13	.....	6	4	4	2	1	3	1	0	0	2	5	2	0	1	5
25	0	0	0	6	4	5	7	7	5	2	5	4	2	4	5	3	3	2	2	3	4	4	4	3	4
26	5	12	4	6	3	4	4	11	9	9	7	4	3	2	3	3	4	3	3	2	2	3	2	3	5
27	2	2	2	3	2	3	2	2	2	4	4	4	3	3	3	2	3	4	3	4	5	4	.....	0	3
28	3	3	2	1	2	6	5	6	12	8	10	7	7	7	.....	0	2	3	4	.....	.....	.....	7	5	6
29	8	12	7	6	5	5	6	9	11	12	7	3	3	4	4	1	4	7	4	6	6	5	5	6	4
30	8	8	4	3	2	5	8	6	4	7	3	4	0	1	1	2	2	3	3	4	7	7	6	4	4
31	3	3	1	2	1	5	5	4	4	4	2	2	2	2	3	2	3	5	3	3	5	3	3	3	3
MEAN	3	4	4	4	4	5	6	6	6	4	4	4	4	4	3	2	2	3	3	3	4	3	3	3	3.7

PERCENTAGE OF DATA VALID - 94.2 PERCENTAGE OF DATA INVALID - 5.1 PERCENTAGE OF DATA UNAVAILABLE - 0.7

- NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "..." INDICATES DATA IS UNAVAILABLE
 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - SW NO 12018 COLLEGE/SOUTH STREET WINDSOR													MONTH - AUG 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	5	6	4	4	4	12	11	12	9	11	6	4	8	6	5	7	6	6	9	10	3	4	9	7
2	8	10	9	7	4	7	.....	.....	6	4	3	0	0	0	2	0	2	6	9	4	6	3	2	3	4
3	4	3	0	1	0	0	2	3	2	2	0	0	3	2	2	3	2	2	2	0	5	2	0	3	2
4	3	3	2	3	2	3	4	3	2	0	1	3	3	3	1	2	2	1	3	4	2	2	2	3	2
5	2	1	2	3	3	3	3	3	3	4	3	3	0	3	4	2	2	2	3	3	5	6	11	15	4
6	8	4	5	4	2	4	7	9	8	11	6	7	4	5	3	2	3	2	5	3	3	7	0	4	5
7	2	2	1	2	1	5	4	6	4	6	3	8	4	5	2	2	2	-	2	5	3	12	8	5	4
8	6	7	6	7	5	6	6	6	4	5	.....	6	3	8	11	9	7	2	2	4	1	3	4	5	5
9	2	2	1	2	3	4	4	4	5	4	3	3	4	3	2	4	1	0	0	0	0	0	0	0	2
10	0	1	0	0	0	0	0	0	0	0	0	2	2	3	1	0	2	2	1	1	0	1	0	0	1
11	0	0	3	3	2	2	4	4	4	2	4	3	0	0	3	2	.....	0	3	8	1	1	1	0	2
12	4	0	2	4	2	3	4	3	4	2	3	4	2	3	3	3	0	0	1	0	2	2	4	3	2
13	7	7	10	7	7	7	6	8	5	5	4	4	4	4	3	3	1	1	1	3	3	1	1	3	4
14	3	4	3	2	0	1	3	6	5	9	10	10	10	9	10	9	8	9	8	7	8	5	4	0	6
15	0	2	2	3	3	4	6	5	2	.....	5	2	2	1	1	2	0	0	2	1	3	2	0	1	2
16	0	2	3	0	1	0	2	3	2	0	0	0	2	0	0	0	0	0	1	2	6	3	1	0	1
17	0	1	0	0	0	0	3	6	0	0	1	0	1	0	0	3	0	0	0	1	1	2	1	1	1
18	2	1	1	1	1	2	5	8	11	3	.....	.....	15	6	4	6	8	4	8	6	9	11	7	8	6
19	4	3	3	4	4	8	4	12	8	4	3	3	3	6	3	4	5	5	4	5	6	3	3	4	5
20	4	5	10	3	4	4	.....	5	9	3	6	8	9	8	5	5	4	1	2	5	4	5	7	6	5
21	7	6	-	.....	3	6	4	5	2	3	.....	3	1	5	.....	.....	2	2	2	0	2	2	3	5	3
22	3	2	3	5	9	6	3	5	3	3	2	2	3	1	2	0	0	0	3	1	3	8	4	4	3
23	3	3	5	5	3	3	3	4	2	0	2	2	0	0	0	0	0	0	2	0	1	2	5	6	2
24	5	4	4	5	4	3	3	3	3	3	3	1	0	0	0	0	2	0	0	0	3	4	4	2	2
25	.....	3	3	12	14	10	15	12	5	6	6	4	4	2	2	3	3	3	2	2	2	2	4	3	5
26	3	4	2	2	4	11	10	-	10	10	8	7	7	5	4	4	4	4	3	3	7	6	4	5	6
27	5	5	6	7	6	14	12	15	10	8	8	.....	4	3	5	4	3	4	3	3	6	6	7	8	4
28	7	9	4	3	4	3	4	5	3	4	6	5	4	3	3	3	4	3	5	4	6	5	4	5	4
29	3	6	7	6	6	11	10	11	7	5	4	4	4	6	5	4	3	3	4	4	8	6	6	6	5
30	3	2	6	3	5	3	3	4	6	6	3	2	2	3	2	4	3	3	3	2	2	3	2	2	5
31	0	2	3	6	8	5	7	14	11	2	4	2	3	0	0	0	3	3	0	2	0	2	0	4	3
MEAN	4	4	4	4	4	5	5	6	5	4	4	4	3	3	3	3	3	2	3	3	4	4	3	4	3.7

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.4

- NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "..." INDICATES DATA IS UNAVAILABLE
 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - SW NO 12016 COLLEGE/SOUTH STREET WINDSOR													MONTH - SEP 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	0	3	0	2	0	5	3	2	3	3	4	3	0	0	3	5	1	7	5	5	5	3	3
2	3	3	8	10	4	3	5	8	7	11	8	8	6	6	2	3	2	3	3	5	4	4	4	4	5
3	4	5	7	4	4	8	10	15	10	***	***	3	1	0	0	0	0	2	4	5	6	4	4	4	4
4	3	4	6	7	7	9	8	5	2	2	2	2	3	2	4	3	4	2	2	-	5	7	9	9	5
5	18	6	4	4	4	5	6	8	10	5	***	4	3	3	2	4	3	5	2	0	3	4	4	4	5
6	6	14	7	7	12	8	5	6	6	5	7	4	4	5	3	2	2	0	3	2	1	3	2	3	5
7	2	2	0	2	6	7	5	4	7	7	5	4	4	2	2	2	0	1	0	2	3	3	5	7	3
8	7	8	9	7	8	12	16	21	15	5	2	1	3	3	4	3	2	2	3	8	4	4	3	3	6
9	3	3	3	3	3	6	15	10	9	3	2	3	7	7	6	4	3	4	3	4	4	2	2	1	5
10	2	2	2	2	4	4	9	13	12	6	5	2	3	3	0	0	0	0	2	5	5	5	4	2	4
11	3	5	9	23	22	9	7	19	13	15	10	3	6	7	7	5	6	9	10	8	7	4	3	4	9
12	6	4	5	9	6	9	12	10	5	4	3	4	4	4	7	6	8	6	6	6	4	4	4	6	4
13	3	2	4	4	5	11	5	5	7	5	5	3	5	4	6	4	3	1	3	5	4	3	4	6	4
14	11	7	9	7	7	7	6	5	4	4	4	3	4	2	2	1	1	0	0	0	1	0	0	0	4
15	1	1	1	1	1	2	4	-	4	4	3	2	1	2	0	0	0	1	2	6	8	7	6	2	2
16	5	2	1	2	5	4	3	1	0	3	3	3	5	4	6	4	3	2	2	3	3	4	3	3	3
17	3	3	3	2	2	4	2	2	2	2	2	3	2	3	2	0	2	2	1	5	5	7	6	3	3
18	3	6	5	4	3	6	8	9	5	***	4	3	0	2	3	0	3	1	3	3	4	6	4	5	4
19	5	5	5	15	10	9	11	9	10	7	6	5	5	4	5	4	5	2	6	4	4	4	4	3	6
20	4	3	3	3	4	6	7	7	6	5	4	3	5	5	4	4	7	6	5	7	7	9	7	8	5
21	6	5	5	4	3	3	2	2	3	2	3	2	3	2	2	4	8	16	5	3	4	3	2	1	4
22	2	1	0	4	4	3	5	8	4	5	6	6	7	4	3	2	3	3	2	3	7	2	2	2	4
23	1	0	0	0	0	3	4	8	5	3	5	4	1	0	2	2	0	2	2	2	2	2	3	3	2
24	4	3	1	2	3	3	8	13	8	5	***	3	0	3	2	0	0	1	2	4	8	7	5	5	4
25	7	7	7	4	5	7	9	14	16	13	5	5	7	6	9	3	4	11	5	1	8	3	4	0	7
26	0	0	0	0	0	0	2	3	3	0	4	4	1	1	0	2	0	2	0	2	3	3	3	3	2
27	3	3	2	10	7	-	3	6	7	3	4	3	2	2	2	2	6	5	3	6	4	4	5	7	4
28	8	8	6	3	2	2	3	4	3	2	2	2	2	0	0	0	0	2	0	0	0	0	3	2	2
29	0	2	2	0	2	3	4	10	6	5	6	0	2	2	2	2	4	3	4	6	8	8	5	4	6
30	5	3	3	16	16	10	11	9	8	13	7	5	3	2	2	4	4	3	5	3	3	2	4	4	6
MEAN	4	4	4	5	5	6	6	8	7	5	5	3	4	3	3	2	3	3	3	4	5	4	4	4	4.3

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - SW NO 12016 COLLEGE/SOUTH STREET WINDSOR													MONTH - OCT 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	5	3	4	4	3	5	4	4	3	4	3	5	4	5	3	3	5	4	5	3	4	1	4
2	0	1	3	4	5	5	9	8	6	5	4	2	2	3	2	-	***	2	2	4	5	7	3	3	4
3	3	4	6	5	4	5	7	9	3	5	4	0	2	5	3	2	***	3	0	0	2	0	2	0	3
4	0	1	0	1	0	1	2	2	2	2	2	1	0	0	0	0	3	2	2	1	2	2	1	1	1
5	0	0	0	0	2	2	2	5	1	2	1	0	1	0	0	0	1	1	2	1	2	1	2	3	1
6	2	2	2	3	0	3	3	5	6	5	2	3	2	2	2	3	3	-	5	2	3	3	4	6	3
7	9	8	10	11	8	10	14	21	20	19	18	11	7	4	4	4	4	3	3	6	5	6	6	9	9
8	5	15	5	4	4	4	4	6	2	0	2	2	2	2	0	2	0	2	4	4	3	2	3	2	2
9	2	1	0	1	3	3	6	8	2	0	2	2	2	2	0	2	0	2	4	4	3	2	3	2	2
10	2	2	3	6	7	10	10	13	9	3	1	2	3	3	2	4	2	3	3	3	5	4	5	10	5
11	3	3	3	3	5	4	8	10	6	7	6	2	0	4	3	2	4	3	2	3	1	0	1	0	3
12	2	0	0	2	0	0	0	2	1	0	1	0	0	0	0	2	0	0	2	4	3	4	4	4	1
13	3	3	2	3	3	4	9	8	8	5	4	2	1	2	2	2	1	0	3	5	8	5	6	6	4
14	5	5	5	3	0	2	11	14	***	9	6	3	3	3	3	4	0	3	4	2	4	3	2	3	2
15	3	3	4	3	3	4	5	7	5	3	6	6	6	3	3	4	4	2	4	3	2	3	3	4	4
16	2	3	3	3	4	5	7	8	9	7	9	9	6	8	8	10	9	15	15	12	15	8	5	4	8
17	4	4	4	3	3	3	3	3	3	3	4	3	1	3	3	3	2	3	3	2	1	2	2	2	3
18	0	1	6	2	8	5	0	1	2	1	5	3	4	4	6	6	4	8	13	8	7	6	7	11	5
19	6	8	6	9	10	5	2	2	5	6	6	3	3	2	5	6	7	6	9	16	4	6	6	2	6
20	1	4	8	9	6	5	4	4	3	3	4	6	5	5	***	6	4	5	5	9	4	3	4	3	5
21	5	5	5	8	6	9	13	11	5	4	2	2	2	1	2	0	0	4	5	3	1	3	2	4	4
22	3	5	6	7	7	10	16	22	23	10	4	2	3	0	0	2	2	3	3	3	4	6	6	3	6
23	2	2	2	0	2	3	3	4	2	2	3	1	3	2	3	0	2	2	3	2	2	3	4	1	2
24	4	3	4	3	4	4	5	6	9	5	2	2	3	3	3	3	3	4	3	3	3	2	2	4	4
25	2	0	2	7	5	3	4	4	5	2	-	1	2	2	1	3	3	3	4	1	3	3	8	5	3
26	5	-	5	8	3	2	2	2	1	4	4	4	3	4	3	4	2	2	2	2	0	3	1	2	3
27	2	2	1	2	2	2	2	3	4	3	3	3	0	3	3	5	-	1	3	6	5	6	5	8	3
28	7	7	5	4	4	5	5	4	3	2	3	2	3	1	2	2	2	2	3	5	12	13	6	4	4
29	4	3	6	5	4	4	9	11	13	15	8	5	3	3	2	3	2	2	3	4	6	10	12	14	6
30	17	13	6	6	10	14	16	13	17	12	8	4	3	0	3	4	4	4	3	5	5	3	3	2	7
31	4	3	4	3	3	3	4	5	8	17	10	10	-	6	4	3	4	5	4	8	18	11	10	5	7
MEAN	4	4	4	4	4	5	6	7	6	5	5	3	3	3	3	3	3	3	4	4	5	4	4	4	4.2

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - SW NO 12016 COLLEGE/SOUTH STREET WINDSOR													MONTH - NOV 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	6	5	4	2	4	3	2	2	2	2	1	0	2	1	0	2	0	3	0	2	0	2	0	2
2	1	0	0	0	0	0	1	2	1	3	2	2	2	2	1	2	0	3	5	4	3	2	3	3	2
3	4	4	3	-	3	1	3	1	2	2	2	3	4	4	4	3	2	4	3	4	3	5	3	3	3
4	3	3	4	7	9	2	2	3	10	9	6	6	4	4	4	6	7	6	4	4	5	2	7	5	5
5	6	2	3	3	5	3	6	7	8	6	3	2	2	2	1	0	2	3	4	6	5	6	4	4	4
6	4	3	4	15	10	3	3	4	4	6	4	4	3	3	2	4	3	6	4	3	3	4	5	2	4
7	4	3	3	5	4	5	4	4	4	3	6	6	8	5	5	10	12	12	10	3	4	2	2	0	5
8	0	0	0	0	0	0	0	2	2	3	0	3	0	0	3	3	0	2	2	2	0	1	2	0	1
9	2	4	2	3	4	6	5	3	8	6	4	5	1	3	2	2	2	0	2	3	6	5	1	1	3
10	0	2	0	0	0	0	1	1	2	2	3	2	3	2	0	2	3	1	0	0	2	2	1	0	1
11	0	0	0	0	0	0	0	1	3	3	3	3	3	3	3	0	3	3	3	4	3	3	6	6	2
12	8	10	8	9	8	8	8	13	16	11	12	15	12	2	0	2	2	4	4	4	5	5	5	5	2
13	4	.....	.....	3	3	6	6	6	5	9	5	9	5	8	5	5	5	7	6	6	8	8	6	9	6
14	6	6	11	9	6	6	4	4	5	4	5	0	3	3	6	2	3	2	3	2	2	1	0	3	4
15	3	4	3	3	0	2	0	1	2	1	1	1	1	0	0	2	2	3	4	3	1	2	0	0	2
16	2	2	2	2	1	2	3	3	6	6	3	2	1	2	0	0	0	4	3	7	8	10	9	10	4
17	10	9	8	10	8	9	14	10	.....	.....	5	3	3	3	3	4	3	4	4	4	3	3	3	4	6
18	.....	10	6	3	2	0	0	3	3	5	3	3	3	4	4	2	4	3	3	2	3	4	12	12	4
19	9	7	10	12	2	2	4	5	4	9	12	6	4	4	4	5	6	11	9	9	7	7	9	14	7
20	9	6	6	5	6	6	6	7	7	7	5	8	5	5	3	4	2	3	3	3	4	5	5	6	5
21	4	5	4	4	5	3	3	2	.....	7	7	3	4	2	3	3	3	3	6	8	7	5	8	7	5
22	10	5	3	3	3	5	4	3	6	7	5	3	3	2	4	3	2	2	3	2	4	3	4	3	4
23	2	3	3	5	5	4	4	4	4	5	4	3	3	5	5	3	5	5	4	4	4	4	4	4	4
24	6	3	3	4	3	6	6	9	12	11	7	5	4	5	3	4	3	3	2	2	2	3	1	2	5
25	0	1	0	1	2	3	6	4	5	4	3	3	2	3	3	2	2	4	5	6	8	7	9	12	4
26	10	8	11	10	8	8	9	9	19	14	12	7	8	3	2	2	0	3	8	8	9	9	6	5	8
27	-	2	2	0	2	0	2	5	4	1	2	2	2	5	7	.....	3	0	3	3	2	2	2	2	2
28	3	2	0	2	2	1	2	2	3	3	2	2	2	3	2	2	3	5	3	4	10	8	5	8	3
29	8	6	4	2	5	2	2	3	7	10	6	3	3	2	4	.....	4	6	6	5	9	6	1	3	5
30	12	4	7	12	13	7	3	3	2	3	2	0	2	0	0	2	0	4	4	5	3	3	2	3	4
MEAN	5	4	4	5	4	3	4	4	6	6	5	4	3	3	3	3	3	4	4	4	4	4	4	5	4.1

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ... INDICATES DATA IS UNAVAILABLE

3. INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - SW NO 12016 COLLEGE/SOUTH STREET WINDSOR													MONTH - DEC 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	3	4	3	10	18	8	10	11	14	....	14	6	13	5	7	7	13	12	9	8	8	8	6	9
2	5	3	6	5	4	4	4	3	4	5	4	11	7	3	0	0	1	0	2	1	0	2	0	1	3
3	0	1	0	0	0	0	3	3	5	5	8	6	6	6	5	4	3	3	2	2	3	2	2	2	3
4	2	2	2	2	2	2	3	5	7	6	5	....	....	2	2	3	2	3	3	3	3	-	3	3	3
5	2	2	4	3	2	3	2	3	0	4	4	7	4	5	2	6	7	7	6	4	4	5	6	7	4
6	8	8	10	8	9	9	11	11	12	12	12	12	12	10	9	10	17	9	12	11	9	8	7	9	10
7	9	11	8	8	7	7	6	5	4	4	5	9	7	10	10	7	10	8	9	8	9	9	3	4	7
8	4	3	4	4	3	3	4	5	7	5	4	4	3	2	5	4	6	3	3	1	3	1	1	1	3
9	2	1	0	0	1	0	2	3	3	3	2	2	3	3	7	9	12	10	4	5	-	-	1	2	3
10	2	2	2	1	1	2	2	1	4	5	4	5	4	3	3	4	4	3	2	2	0	0	0	0	2
11	2	1	0	1	4	2	3	4	6	6	5	10	5	3	5	9	3	1	3	3	-	-	-	3	4
12	4	3	6	7	2	3	3	4	3	3	5	7	5	6	5	3	9	13	14	8	9	4	6	6	6
13	5	4	16	16	5	1	0	0	0	0	1	0	2	2	2	2	0	2	4	3	2	5	6	5	7
14	8	6	3	4	3	5	4	5	0	0	0	2	2	2	0	0	2	2	1	4	4	6	11	13	4
15	14	12	7	4	4	5	5	7	9	7	5	....	4	3	....	....	5	4	5	5	4	6	5	5	6
16	6	6	5	7	4	3	6	9	9	7	....	3	3	2	2	2	2	3	2	1	0	0	3	3	4
17	3	3	3	3	5	6	6	7	11	6	8	6	4	4	3	3	3	3	3	3	5	5	3	3	5
18	....	....	3	3	3	4	7	2	4	4	5	5	3	3	3	3	6	4	5	3	4	-	-	-	4
19	0	0	0	0	0	0	2	2	2	2	8	4	-	-	0	2	3	2	1	3	3	4	2	2	2
20	3	3	4	6	4	1	5	2	4	5	4	4	2	0	2	1	0	2	3	3	3	3	3	4	3
21	2	7	3	6	6	8	8	6	7	7	5	5	3	2	3	3	3	7	4	4	8	15	4	7	6
22	7	7	5	4	4	3	6	5	4	3	0	0	2	3	4	2	0	3	4	5	7	7	11	9	4
23	6	6	6	6	8	7	7	7	6	6	7	5	6	4	....	7	7	7	6	7	6	4	5	6	6
24	4	7	5	7	8	9	7	5	0	2	0	2	0	0	0	0	0	1	0	1	0	2	2	3	3
25	4	4	6	5	5	5	7	9	8	7	9	5	4	4	4	3	2	2	2	2	3	3	4	3	5
26	4	4	4	2	3	3	3	3	3	3	3	4	5	6	3	3	3	5	4	3	7	4	4	5	4
27	4	6	7	6	6	5	5	7	11	13	11	6	5	3	4	4	5	4	6	6	4	7	7	7	6
28	8	5	4	4	6	6	6	7	7	7	9	8	6	7	7	9	8	5	7	7	10	10	10	9	7
29	11	10	12	9	10	8	10	16	20	23	25	16	8	7	8	7	5	4	1	2	0	1	0	0	9
30	0	0	0	2	0	0	1	2	0	1	2	3	4	4	1	2	4	4	3	0	3	3	3	2	2
31	2	3	2	2	2	2	3	2	2	3	3	5	3	3	2	2	0	3	2	3	2	3	3	-	2
MEAN	5	4	5	4	4	4	5	5	6	6	6	6	4	4	4	4	4	4	4	4	4	5	4	4	4.6

PERCENTAGE OF DATA VALID - 97.0

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ... INDICATES DATA IS UNAVAILABLE

3. INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12016 COLLEGE/SOUTH STREET WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4.4	8	18
FEB	29	4.0	8	21
MAR	31	3.4	6	16
APR	28	3.5	7	16
MAY	31	5.1	11	27
JUN	30	3.8	8	29
JUL	29	3.7	6	21
AUG	31	3.7	7	15
SEP	30	4.3	9	23
OCT	31	4.2	9	23
NOV	30	4.1	8	19
DEC	31	4.6	10	25
YEAR	362	4.1	11	29

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 12016 COLLEGE/SOUTH STREET WINDSOR

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	454	257	26	3	0	0	0	740
FEB	459	210	19	3	1	0	0	692
MAR	569	149	13	1	0	0	0	732
APR	497	166	16	3	0	0	0	682
MAY	409	239	56	15	10	0	0	729
JUN	475	199	18	3	1	0	0	696
JUL	503	181	16	0	1	0	0	701
AUG	506	196	25	0	0	0	0	727
SEP	445	235	22	7	3	0	0	712
OCT	491	201	27	10	3	0	0	732
NOV	473	209	25	2	0	0	0	709
DEC	418	263	32	7	2	0	0	722
YEAR	5699	2505	295	54	21	0	0	8574

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.6	0	0.0	1.8	2.9	4.4	7.6	9.6	12.5	14.7	29	4.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA														MONTH - JAN 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	3	2	3	3	4	3	3	4	5	5	4	5	5	4	3	3	3	3	3	4	2	3
2	3	2	3	3	3	4	4	5	7	7	5	5	2	2	2	0	1	0	0	0	0	0	0	0	1
3	0	0	2	0	0	0	0	0	0	0	0	2	3	8	0	2	4	3	0	2	3	2	0	0	2
4	0	0	0	1	1	0	3	7	10	5	5	5	4	4	...	...	3	2	2	2	2	2	2	2	3
5	1	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	2	0	2	0	0
6	1	2	4	4	2	3	3	3	5	2	4	3	3	2	2	2	2	1	2	2	3	2	3	3	3
7	2	3	4	3	2	0	1	0	1	0	0	...	6	2	0	1	1	2	2	1	2	1	0	0	1
8	1	0	0	0	0	1	1	3	2	2	1	1	2	...	0	2	2	1	2	2	2	0	2	2	1
9	0	0	0	0	0	1	0	1	2	2	1	1	2	2	2	2	2	1	3	3	3	4	5	2	1
10	4	4	4	6	7	5	3	4	4	3	2	3	3	6	6	5	6	3	5	5	7	7	6	7	5
11	5	4	3	3	3	3	3	3	3	3	3	2	0	3	2	1	0	0	2	2	2	1	0	0	2
12	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	2	2	4	5	4	2	4	2
13	3	2	2	2	2	2	2	3	3	4	4	3	5	5	4	3	3	3	3	3	2	3	4	3	3
14	4	3	3	3	3	3	4	4	3	5	4	4	3	3	4	4	3	3	3	4	2	3	4	3	3
15	3	3	3	3	2	3	3	4	3	2	2	3	3	4	0	2	3	3	3	2	5	4	5	4	3
16	2	2	2	2	3	2	2	3	4	3	2	3	3	3	3	4	4	5	6	4	4	6	7	7	4
17	7	6	6	6	5	4	5	5	4	2	5	6	5	3	2	2	1	2	2	1	2	1	0	0	1
18	2	2	2	2	2	2	2	3	3	3	2	0	1	1	2	0	1	1	2	0	1	1	0	0	1
19	0	0	0	0	0	0	1	2	3	2	1	2	1	3	2	1	1	0	2	2	0	0	0	...	1
20	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	0
21	1	1	0	3	3	3	3	3	4	3	9	1	1	...	0	1	1	2	5	5	4	3	2	3	3
22	2	2	3	4	3	3	4	3	3	2	3	3	5	...	3	2	2	3	2	2	1	2	2	0	3
23	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0	1	0	0	0	0	0	0	0	0
24	0	0	0	2	0	2	2	2	3	4	3	3	6	4	3	2	2	2	4	3	5	6	6	5	3
25	2	2	2	2	2	3	2	3	4	3	3	3	2	2	2	0	1	0	0	0	1	5	5	3	3
26	5	4	3	4	3	2	2	3	4	7	6	7	6	2	0	1	2	1	2	2	3	2	2	1	3
27	5	5	5	6	3	3	3	4	7	2	2	2	2	2	2	2	2	2	3	3	4	4	3	3	2
28	0	0	0	1	1	2	1	1	2	3	2	3	2	2	3	2	1	2	2	2	2	2	2	3	2
29	3	3	2	2	2	3	3	3	2	3	2	3	2	2	3	2	1	2	2	2	2	2	2	3	2
30	2	2	2	1	0	0	0	0	2	1	0	0	0	0	2	3	0	2	1	0	1	2	2	2	1
31	2	1	1	2	0	1	0	3	4	2	4	4	0	0	0	0	0	1	0	0	0	0	0	0	1
MEAN	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2.2

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA														MONTH - FEB 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	2	2	0
2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	1	
3	3	4	3	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	1	2	3	5	5	5	1
5	6	7	8	6	5	7	6	9	12	15	9	6	6	6	7	7	7	7	6	10	7	5	8	6	7
6	7	6	5	5	5	3	3	4	6	6	4	4	5	4	4	5	5	14	6	3	3	2	2	5	1
7	2	2	2	2	4	2	3	2	3	....	0	1	0	1	0	0	0	0	0	2	0	0	0	0	1
8	0	1	1	0	0	1	2	2	6	5	4	2	0	1	0	0	2	2	2	4	4	4	4	2	2
9	3	3	3	3	3	3	3	2	2	3	2	0	2	1	0	2	0	3	2	3	2	0	3	5	2
10	4	4	4	5	3	2	2	5	5	5	3	2	1	1	3	5	3	3	4	4	4	3	3	3	3
11	3	4	3	3	3	3	4	3	4	3	3	6	5	4	2	3	2	2	3	3	0	4	6	2	3
12	2	2	2	1	1	2	3	5	4	5	4	5	3	2	2	2	2	2	3	5	3	4	4	2	2
13	4	4	4	5	6	5	4	5	4	3	4	7	8	7	6	6	7	5	4	4	4	4	4	5	1
14	4	4	4	5	3	3	3	4	3	2	2	0	2	3	2	1	2	3	2	5	5	3	1	3	3
15	1	2	1	0	2	2	4	5	3	3	3	3	3	3	3	3	2	2	2	3	3	3	3	3	3
16	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0
17	0	0	0	0	0	1	1	2	2	3	0	1	1	0	0	1	1	2	3	3	2	4	5	5	2
18	3	2	3	2	5	8	4	6	5	5	6	9	6	8	7	6	7	8	6	5	6	4	4	5	5
19	4	3	5	8	8	5	7	8	7	9	7	9	9	9	....	8	8	8	7	8	7	7	7	7	7
20	5	7	6	9	11	10	10	11	12	13	12	11	15	....	11	11	10	10	11	12	13	10	8	6	10
21	7	7	6	6	7	5	5	4	7	4	4	5	4	3	5	4	4	5	6	....	6	5	5	4	5
22	4	3	4	3	3	2	2	3	5	4	4	2	6	6	4	2	0	1	0	0	2	0	2	3	3
23	2	2	2	1	1	1	2	2	2	3	3	3	3	3	4	4	4	4	5	8	6	4	5	3	
24	4	3	2	3	2	1	0	0	0	1	0	0	2	1	1	0	0	2	2	3	2	2	2	2	2
25	0	1	1	1	1	1	2	2	4	....	....	0	1	2	0	0	0	0	0	0	0	0	1	1	1
26	2	1	2	1	0	0	0	2	2	2	2	2	1	2	0	0	1	2	2	2	3	6	3	3	2
27	5	4	4	2	3	3	4	4	2	2	0	0	1	0	0	....	0	0	0	0	1	1	1	0	2
28	1	0	0	0	0	0	0	0	0	2	2	2	2	1	1	2	1	2	3	0	1	2	2	3	1
29	0	0	0	0	1	2	2	3	4	3	....	3	2	0	1	2	0	0	0	1	2	1	2	5	1
MEAN	3	3	3	3	3	2	3	3	4	4	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 98.6

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA															MONTH - MAR 80										
HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	3	2	3	2	1	2	7	2	0	2	0	0	0	0	0	1	0	1	2	2	2	2	2
2	2	1	0	0	1	0	1	1	2	1	2	1	0	0	0	0	2	3	3	4	3	3	2	4	2
3	4	4	3	3	3	3	3	4	4	5	5	8	6	6	4	3	3	6	3	3	4	3	4	4	4
4	5	5	4	5	4	4	4	5	5	0	5	6	5	5	4	7	5	5	5	5	8	5	7	6	5
5	6	5	5	5	4	4	5	6	9	5	1	2	2	1	0	0	0	0	0	0	1	0	2	1	3
6	2	4	2	1	3	2	4	5	***	2	2	3	5	4	***	0	3	4	4	4	2	3	4	4	3
7	5	6	4	2	2	3	3	3	8	9	7	4	3	4	3	3	3	3	4	3	2	3	3	2	4
8	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	3	2	0	2	2	3	4	6	3
9	6	5	6	5	4	4	3	3	5	3	4	4	3	3	3	3	3	4	8	8	6	4	5	7	5
10	5	3	3	3	5	6	8	9	9	9	***	6	8	7	6	4	3	2	0	0	0	0	0	0	4
11	0	0	0	0	0	0	0	1	1	2	2	2	0	1	2	2	0	0	0	0	1	0	0	0	1
12	0	0	0	0	0	0	0	2	3	0	1	0	0	0	0	0	1	5	2	3	2	1	2	2	1
13	2	1	1	0	0	0	1	2	2	3	***	***	1	2	2	3	4	3	4	3	4	3	4	6	2
14	4	3	2	2	2	1	0	0	2	0	1	0	0	3	2	2	0	0	1	1	2	1	0	1	1
15	1	0	0	2	0	0	1	1	2	0	0	0	0	0	0	0	0	0	1	2	1	2	1	2	1
16	2	2	2	2	1	1	1	3	2	4	3	4	5	5	5	5	4	5	4	4	7	7	5	3	4
17	5	8	7	6	5	8	3	4	4	***	2	3	4	10	3	1	0	2	1	0	1	0	0	0	3
18	0	0	0	0	0	0	1	2	3	2	1	0	0	1	0	2	2	2	2	2	3	3	5	4	1
19	4	6	6	5	5	6	9	8	5	6	9	7	4	5	4	3	3	3	2	4	4	14	4	9	6
20	7	5	7	9	9	12	11	10	7	9	6	7	6	28	12	0	***	***	***	***	***	4	2	3	8
21	3	2	0	2	2	0	0	1	1	0	1	1	0	1	***	0	0	***	***	2	1	0	0	0	1
22	0	0	0	0	0	0	0	0	2	0	0	1	0	0	1	0	0	2	0	1	2	2	3	3	1
23	3	5	4	5	4	4	2	1	1	1	1	2	2	1	2	2	2	3	2	1	2	2	2	2	2
24	2	2	1	2	2	2	3	6	6	0	0	6	5	6	4	4	5	3	7	0	2	2	1	0	3
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	6	3	4	4	8	9	2
26	10	11	9	9	8	7	6	9	2	1	0	2	1	0	1	0	0	0	2	3	4	2	2	2	4
27	2	2	3	4	2	0	1	3	3	2	3	3	3	2	3	4	3	3	3	***	8	5	3	3	3
28	3	8	8	7	4	4	5	4	5	5	3	2	3	2	3	6	3	3	3	4	3	4	3	3	4
29	3	3	2	2	2	2	3	1	2	2	2	2	0	0	2	0	0	0	0	0	0	1	0	1	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	1	0	0	1	0	0	1	1	0
31	1	1	0	0	1	0	0	2	2	1	1	2	2	2	2	2	2	2	1	2	4	2	0	1	1
MEAN	3	3	3	3	3	3	3	3	4	3	2	3	2	3	3	2	2	2	2	2	3	3	3	3	2.7

PERCENTAGE OF DATA VALID - 98.0

PERCENTAGE OF DATA INVALID - 2.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA															MONTH - APR 80										
HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	2	2	2	0	2	3	1	7	2	4	3	4	8	5	5	4	5	6	6	5	5	4	4
2	4	7	6	***	2	4	0	0	12	2	2	0	3	3	2	3	3	3	2	0	0	1	0	3	3
3	0	0	0	0	2	2	2	4	3	3	***	2	-	2	2	2	2	2	2	2	3	2	1	2	2
4	0	2	3	2	3	3	5	5	7	5	2	2	0	0	0	2	1	0	0	0	0	0	0	1	2
5	2	1	0	1	2	2	3	3	2	3	1	0	0	1	1	0	3	0	2	2	2	1	2	2	2
6	2	3	2	3	2	3	5	5	5	6	6	6	5	3	3	3	2	1	2	2	2	2	2	3	3
7	2	2	1	1	3	2	4	4	5	6	8	4	5	4	4	3	3	3	3	3	2	3	3	3	3
8	3	3	5	3	4	5	3	4	4	3	4	3	4	3	4	3	3	2	2	***	0	2	0	-	3
9	3	2	2	1	1	0	3	3	5	3	3	3	2	2	3	2	2	2	2	2	2	0	1	1	2
10	0	0	4	3	***	3	3	4	3	2	2	3	3	2	1	2	2	2	2	***	5	2	2	2	2
11	2	2	0	2	2	3	3	4	3	3	4	5	4	6	4	4	4	4	6	7	7	5	4	4	4
12	4	4	3	3	3	4	4	4	4	5	4	3	2	2	1	1	1	0	0	0	2	2	1	1	3
13	2	1	2	1	2	3	3	3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	2	2	3	3	3	3	2	2	4	3	1	1	2	1
15	2	2	2	***	***	2	2	2	3	3	3	3	3	1	0	0	0	0	0	0	0	0	***	0	1
16	0	0	0	0	2	2	3	2	3	0	0	0	0	0	0	0	0	0	2	2	2	4	3	2	1
17	2	2	2	2	2	2	2	5	4	2	3	4	4	4	4	4	4	4	4	3	***	2	3	4	3
18	5	5	9	6	6	7	8	13	5	***	***	***	3	4	5	3	3	3	4	8	13	14	7	9	7
19	15	10	8	4	5	7	6	6	9	8	6	6	5	3	2	3	3	4	8	5	6	5	5	3	6
20	0	3	3	4	5	8	8	2	2	0	1	0	1	1	0	1	0	0	1	0	3	3	3	3	2
21	5	5	6	8	6	8	12	10	3	2	2	2	3	0	0	1	0	1	2	12	5	6	7	5	5
22	6	7	7	12	11	8	10	10	9	-	8	6	5	7	6	5	6	4	4	4	3	-	2	7	7
23	2	2	1	1	3	1	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1	1
24	0	0	2	2	1	0	0	1	1	0	0	***	***	***	0	2	0	0	0	0	0	0	0	0	0
25	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	1	2	3	3	5	4	0	4	3	1
26	1	2	2	5	6	5	3	4	2	2	2	4	0	0	0	0	0	0	0	0	0	0	0	0	2
27	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	2	0	0	1	2	0	2	0	0	0
28	0	0	0	1	3	4	5	5	4	0	3	3	3	4	4	3	2	1	2	0	0	1	0	0	2
29	0	1	1	2	2	3	4	4	4	3	2	2	1	2	0	0	0	0	0	2	2	2	3	2	2
30	3	2	2	2	0	2	4	4	***	2	2	3	3	2	2	2	1	0	1	-	2	2	0	2	0
MEAN	2	2	3	3	3	3	4	4	4	3	3	3	2	2	2	2	2	2	2	3	3	2	2	2	2.5

PERCENTAGE OF DATA VALID - 96.9

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA														MONTH - MAY 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	2	2	2	2	3	3	1	----	-	0	6	0	0	0	0	3	3	1
2	2	3	3	3	0	0	0	4	6	0	5	1	0	0	0	0	0	0	3	4	3	5	7	12	3
3	7	5	7	9	13	13	12	9	4	2	2	3	2	2	2	2	2	2	3	2	3	----	----	----	4
4	4	4	3	4	3	5	9	11	10	7	3	2	2	2	3	3	3	3	5	7	9	6	6	4	5
5	2	3	3	2	3	5	3	3	3	----	3	3	2	3	2	3	3	2	2	3	1	2	0	2	3
6	0	1	0	0	0	0	1	0	0	0	0	1	1	2	1	2	2	2	4	3	3	3	3	4	1
7	2	2	2	2	0	0	0	2	1	1	0	2	1	1	2	0	0	0	0	0	0	0	2	2	1
8	1	1	0	0	0	0	2	1	0	0	0	0	0	2	2	0	0	0	0	0	1	1	0	0	0
9	0	1	0	2	0	2	2	2	----	0	2	0	0	0	2	0	0	0	0	1	3	5	7	7	2
10	4	2	3	3	2	3	4	3	3	2	3	3	2	3	3	4	3	4	3	4	4	3	3	2	3
11	2	2	2	2	2	3	4	5	4	0	----	2	0	1	2	1	0	1	0	2	3	3	5	5	2
12	4	4	3	3	2	5	3	6	2	----	3	2	2	2	3	0	0	2	----	----	4	4	4	3	3
13	2	2	4	3	3	4	4	3	3	4	2	2	2	0	1	2	1	2	0	0	0	0	0	0	2
14	0	0	0	0	1	3	2	1	0	2	2	1	1	1	2	0	1	0	0	0	2	3	3	4	1
15	7	7	6	5	3	5	7	7	5	2	2	2	0	5	2	2	0	1	0	3	5	8	11	8	4
16	6	7	7	11	15	17	21	9	3	----	3	2	0	0	1	0	1	0	1	1	1	1	0	2	5
17	0	2	2	2	2	2	2	0	3	3	3	4	3	5	4	4	4	4	3	3	2	3	2	3	3
18	3	3	2	2	2	2	4	3	5	2	1	0	1	2	-	0	1	2	0	0	0	0	0	2	2
19	4	4	2	2	2	2	3	2	0	0	0	1	0	1	1	2	2	2	2	2	0	0	1	1	2
20	0	0	2	2	2	2	2	2	2	----	2	3	3	3	3	2	3	2	1	2	1	2	2	3	2
21	4	2	4	4	3	6	5	3	3	1	2	2	2	6	4	2	2	2	4	7	7	7	7	7	4
22	9	12	11	13	11	10	11	11	6	5	5	3	3	3	2	2	2	3	10	9	10	11	8	7	7
23	9	12	16	15	15	17	23	16	10	----	4	6	7	4	4	5	4	4	5	5	4	5	7	7	9
24	9	7	6	5	5	7	6	9	9	12	10	4	4	3	4	3	3	3	4	3	5	5	5	6	6
25	4	6	4	4	4	3	3	2	2	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	2
26	0	0	4	0	0	2	1	1	0	0	0	----	4	0	0	0	0	0	0	1	0	2	2	1	1
27	3	0	3	2	4	3	5	6	2	2	2	0	2	2	2	2	1	2	2	3	3	4	5	5	3
28	4	5	5	5	7	4	6	3	4	8	12	5	----	9	5	4	2	2	2	3	3	2	2	6	5
29	5	4	3	4	4	5	6	7	6	6	6	9	9	----	8	6	7	7	6	5	6	5	7	6	6
30	6	7	8	8	7	8	9	9	7	0	3	----	4	4	4	4	4	2	1	2	2	0	0	2	4
31	2	1	3	2	3	3	1	3	4	2	0	0	1	0	1	0	0	0	1	0	0	0	0	2	1
MEAN	3	4	4	4	4	5	5	5	4	3	3	2	2	2	2	2	2	2	2	2	3	3	3	4	3.1

PERCENTAGE OF DATA VALID - 97.4

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - SW NO 14084 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA														MONTH - JUN 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	1	0	0	0	2	0
2	4	3	2	5	3	3	2	7	----	----	2	2	2	2	0	2	2	2	2	0	2	1	3	2	2
3	1	2	3	2	1	2	0	0	0	1	0	2	0	0	0	0	0	0	0	2	1	2	4	4	1
4	2	2	0	0	1	1	0	2	0	0	2	0	2	3	0	0	0	0	1	1	3	2	6	4	1
5	2	0	2	5	4	5	9	5	3	----	1	1	5	2	1	2	1	3	2	2	3	2	2	3	3
6	2	1	2	2	2	2	3	3	3	----	3	4	4	7	5	3	0	0	2	2	2	2	2	3	3
7	2	2	2	2	1	1	2	3	3	2	2	2	3	6	----	3	2	4	4	5	4	4	0	0	3
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	2	0	0
9	0	2	1	4	1	2	2	2	1	2	1	----	3	3	2	2	2	0	0	0	1	0	0	0	1
10	0	0	0	0	0	0	0	0	----	0	0	0	0	0	0	1	0	1	----	2	2	2	2	0	0
11	0	0	1	1	0	2	7	3	----	----	0	0	0	0	0	0	2	4	4	4	2	2	2	2	2
12	4	2	2	3	3	6	9	----	----	9	6	4	3	2	0	1	2	5	4	-	2	-	-	3	4
13	3	-	4	5	7	7	5	6	8	-	8	2	4	5	2	4	----	----	----	4	4	4	5	5	5
14	4	6	7	6	----	----	----	----	----	8	7	6	7	6	6	6	8	7	7	7	6	6	11	9	7
15	8	7	6	7	8	11	4	3	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
16	0	0	0	0	0	1	1	0	0	0	3	5	0	0	0	0	0	0	0	1	2	2	4	1	1
17	5	2	2	5	2	2	5	5	3	3	3	2	4	3	3	2	3	3	3	3	3	3	7	5	3
18	5	6	5	5	3	4	5	7	5	5	4	5	6	4	3	3	2	2	3	3	1	2	1	2	4
19	0	1	1	0	2	2	5	4	5	6	6	5	4	4	9	4	2	3	2	0	0	0	0	0	3
20	0	0	0	0	0	0	1	2	2	----	0	2	0	0	0	0	0	0	0	0	0	4	4	3	1
21	4	3	4	3	2	2	2	3	2	2	1	2	0	0	1	2	3	2	3	3	4	5	8	7	3
22	9	4	4	4	3	4	4	4	5	4	3	3	4	3	3	4	3	3	2	3	4	3	3	3	4
23	2	2	4	6	5	7	6	8	8	0	4	5	4	3	3	3	4	3	5	3	7	8	7	7	5
24	5	5	6	6	6	7	8	10	10	11	9	9	7	6	4	3	4	4	5	4	4	6	6	6	6
25	9	7	5	5	7	9	7	6	7	5	5	4	5	4	4	3	4	3	3	5	6	7	9	6	6
26	6	6	7	7	9	10	11	12	9	8	6	5	4	4	4	3	3	2	3	3	2	2	2	5	2
27	7	6	3	5	4	3	3	2	2	2	1	----	----	0	0	0	0	0	0	0	0	0	0	0	2
28	0	0	0	2	3	3	2	2	2	0	1	2	2	3	3	3	3	3	3	3	2	3	2	2	2
29	2	3	4	3	----	----	----	----	4	8	4	4	3	0	2	0	1	0	1	----	2	0	0	0	2
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	3	2	3	3	3	1
MEAN	3	2	3	3	3	3	4	4	3	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	2.7

PERCENTAGE OF DATA VALID - 94.7

PERCENTAGE OF DATA INVALID - 4.4

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA														MONTH - JUL 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	3	3	3	3	4	3	****	0	2	1	2	3	3	4	3	5	2	4	5	4	3	3
2	4	2	1	0	0	0	1	1	1	****	0	1	0	1	0	0	0	0	1	0	0	0	1	2	1
3	2	2	2	3	6	6	5	2	2	2	0	0	0	0	1	0	0	0	2	3	3	4	4	4	2
4	5	5	5	3	5	5	9	9	6	****	****	5	5	6	7	7	4	4	6	4	4	4	4	4	5
5	4	6	5	5	4	4	5	4	****	3	1	0	0	0	1	0	2	1	0	0	2	0	0	0	2
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	4	6	1
7	6	4	2	2	3	4	7	5	6	5	3	3	2	4	3	2	3	2	3	3	3	3	4	10	4
8	5	0	1	0	0	0	2	4	4	3	3	2	****	1	0	****	****	1	0	1	4	4	4	3	2
9	4	3	3	2	8	9	6	4	6	5	3	4	7	7	5	6	3	0	2	2	4	6	8	9	5
10	9	8	10	7	7	8	7	5	6	4	4	5	6	6	4	4	****	3	3	5	4	4	5	6	6
11	5	6	7	5	4	7	4	3	3	4	5	****	8	5	5	2	2	2	2	3	1	3	5	3	4
12	2	3	2	0	1	3	2	1	0	1	1	3	4	3	2	2	1	2	0	0	0	0	0	0	1
13	0	0	0	0	0	0	2	0	0	0	0	0	0	1	0	0	1	0	1	2	3	3	2	0	1
14	2	3	2	0	2	4	8	7	8	****	8	3	5	4	4	****	0	2	4	3	5	4	4	2	4
15	****	8	11	10	7	4	2	1	5	5	7	4	3	0	4	3	3	5	2	2	2	4	6	****	4
16	3	0	1	7	0	3	4	2	3	3	1	2	2	3	8	4	4	6	7	5	4	4	7	3	4
17	2	2	2	2	2	2	3	3	4	0	5	3	3	0	5	3	2	2	2	0	1	1	2	3	2
18	5	4	4	4	4	5	7	9	3	****	5	5	3	4	0	2	6	3	4	5	3	2	2	3	4
19	3	2	4	3	3	3	4	4	4	4	3	4	4	4	3	3	3	4	5	3	5	5	4	4	4
20	6	8	4	4	3	4	5	8	4	2	2	2	3	2	2	4	3	5	5	4	5	5	2	2	4
21	0	0	0	1	1	1	3	3	3	****	0	0	3	3	2	2	1	0	1	2	2	2	2	2	1
22	2	0	0	3	2	3	3	4	3	3	2	2	2	2	2	2	2	1	1	0	2	****	****	****	2
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
24	5	2	2	7	6	4	4	5	5	2	2	1	2	3	1	2	4	5	3	4	2	3	4	4	3
25	3	5	2	3	3	5	5	4	4	****	3	2	3	3	2	2	2	3	3	5	4	6	6	4	4
26	6	4	4	5	3	3	5	5	7	6	7	5	4	5	5	3	4	3	3	2	2	3	2	0	4
27	2	0	0	0	0	0	0	0	2	2	2	3	3	3	4	2	3	4	3	2	2	1	2	2	2
28	2	2	2	3	2	2	3	4	3	3	1	2	3	3	-	-	2	3	3	4	-	-	-	4	3
29	6	4	3	2	3	6	4	3	4	6	2	2	3	4	6	6	4	4	4	5	4	5	3	4	4
30	2	2	2	2	1	0	2	4	0	1	****	4	2	2	0	0	2	2	2	2	3	4	4	6	2
31	6	5	5	4	3	3	3	3	3	4	4	4	3	4	5	6	6	4	2	4	5	4	5	5	4
MEAN	4	3	3	3	3	3	4	4	3	3	3	2	3	3	3	3	3	2	2	3	3	4	4	4	3.0

PERCENTAGE OF DATA VALID - 94.2

PERCENTAGE OF DATA INVALID - 5.1

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA														MONTH - AUG 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	7	7	12	9	4	5	4	4	3	5	2	3	3	3	2	2	2	2	2	4	2	3	3	4
2	1	2	3	3	4	6	***	***	5	3	4	3	2	0	1	1	2	2	2	4	2	2	2	2	3
3	2	2	3	3	2	2	2	3	2	2	2	0	0	0	2	0	0	0	0	0	1	2	2	2	1
4	2	2	2	2	2	2	2	2	0	2	2	2	1	2	1	1	2	1	1	0	0	1	0	2	1
5	2	1	2	4	3	3	3	5	4	***	6	5	3	5	4	2	4	3	0	0	0	0	1	2	3
6	1	2	2	2	2	4	3	4	4	6	4	2	2	3	4	7	8	4	2	3	4	4	5	8	4
7	4	5	4	4	4	3	4	3	3	5	11	6	4	3	3	3	2	-	3	2	2	2	3	2	4
8	***	2	2	2	3	3	6	5	4	4	6	5	5	4	4	4	2	2	0	3	3	0	0	0	3
9	1	0	0	0	0	2	3	1	2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
10	1	0	0	0	0	0	0	0	1	0	2	1	1	2	2	0	1	1	2	1	1	2	0	1	1
11	2	2	2	2	1	2	4	7	0	1	2	2	2	3	0	4	***	3	2	3	3	1	0	2	2
12	0	0	2	1	0	0	2	3	2	2	0	0	2	2	0	1	0	2	1	2	0	0	2	3	1
13	2	4	4	5	7	5	5	7	7	5	2	1	0	1	4	5	4	4	4	5	4	3	4	3	4
14	2	2	4	2	3	0	4	3	4	3	4	3	4	2	3	1	1	3	3	2	3	2	0	0	2
15	0	0	1	1	1	0	2	2	1	***	1	0	2	2	1	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
17	3	4	0	2	2	0	1	1	1	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	1
18	0	1	2	3	2	2	4	4	4	***	***	***	3	2	0	2	1	1	2	3	4	4	4	4	2
19	4	3	2	2	2	2	5	6	5	3	4	5	4	4	3	6	5	4	4	5	6	6	7	7	4
20	5	5	4	2	2	2	***	5	6	3	2	2	3	4	3	4	2	***	***	7	4	5	3	3	4
21	4	4	-	***	3	3	5	5	4	5	6	3	4	3	4	4	3	2	2	3	3	4	2	0	3
22	3	2	1	0	0	2	3	2	0	***	***	2	2	2	2	0	0	0	0	0	0	0	0	1	1
23	1	3	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
24	2	2	2	2	0	0	2	0	2	2	5	1	2	2	3	2	2	2	3	3	4	6	4	3	2
25	4	2	5	6	5	5	8	8	6	***	3	4	3	3	4	3	3	4	5	5	3	6	4	4	4
26	4	3	3	3	4	3	5	-	5	6	3	4	3	3	3	4	5	8	7	6	6	7	5	4	5
27	5	5	6	7	6	7	9	9	8	6	5	4	5	4	5	3	4	5	5	4	3	3	2	1	5
28	1	1	1	0	0	2	2	2	2	0	1	3	3	3	4	5	4	4	5	5	2	3	3	2	2
29	3	2	3	4	3	3	7	5	***	5	6	4	5	5	6	5	5	5	5	5	5	5	8	6	5
30	4	5	5	5	3	3	4	4	4	4	4	4	3	4	3	6	3	4	4	4	4	3	2	2	4
31	2	1	3	4	3	3	4	2	3	2	3	2	4	2	4	3	2	2	0	1	2	3	3	0	2
MEAN	2	2	3	3	2	2	4	4	3	3	3	2	2	2	2	3	2	2	2	3	2	2	2	2	2.6

PERCENTAGE OF DATA VALID - 97.3

PERCENTAGE OF DATA INVALID - 2.3

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT											
STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA															MONTH - SEP 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	2	3	3	2	3	2	3	2	2	0	1	0	0	0	1	2	4	3	2	0	0	0	1	7	2	
2	3	3	2	3	2	3	3	7	3	----	2	2	0	4	4	4	5	1	1	2	2	2	5	3	3	
3	7	2	1	0	0	2	4	7	10	7	4	4	2	3	3	3	1	2	2	4	2	5	5	2	3	
4	2	2	2	2	2	3	8	9	6	6	8	4	5	4	4	3	4	3	4	-	6	3	8	3	4	
5	2	3	3	3	3	2	3	3	3	1	2	1	2	0	0	0	0	0	4	8	8	13	10	6	3	
6	5	4	4	4	4	3	4	4	3	1	0	2	1	0	1	0	0	0	0	0	4	5	6	4	2	
7	3	3	2	3	2	2	1	1	2	2	0	0	2	0	0	0	1	2	0	2	2	4	2	3	2	
8	4	4	5	4	3	6	9	10	5	----	5	3	3	4	4	5	4	5	5	----	7	5	4	7	5	
9	6	3	4	5	5	6	7	6	6	8	3	6	4	3	0	0	0	0	0	1	0	0	0	0	3	
10	0	0	0	0	0	0	1	2	0	2	0	0	1	0	0	0	0	0	0	2	4	3	0	2	1	
11	1	3	2	1	1	2	2	3	3	2	2	1	2	2	2	2	2	3	2	3	3	2	2	2	2	
12	2	2	2	3	3	3	7	13	13	----	6	2	3	2	1	2	4	3	3	4	3	3	2	1	4	
13	3	0	2	2	1	4	2	4	3	3	3	3	3	3	3	4	4	6	6	5	4	2	3	7	3	
14	3	3	4	3	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	
15	0	0	0	0	0	0	2	-	----	5	2	1	2	0	1	0	0	0	0	2	2	1	1	2	0	1
16	2	0	2	0	0	1	3	5	3	5	2	2	3	3	3	4	2	2	2	0	0	5	4	2	2	
17	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	3	2	2	3	0	1	
18	0	2	0	3	0	2	3	2	2	2	0	1	0	----	2	2	1	0	2	2	0	2	2	3	1	
19	3	5	4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
20	- DATA INVALID -																									
21	- DATA INVALID -																									
22	- DATA INVALID -																									
23	----	----	----	----	----	----	----	----	----	----	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	----
24	0	0	0	0	0	0	4	4	2	3	3	2	0	0	0	0	5	0	2	2	2	2	2	2	1	
25	5	0	2	1	3	2	6	8	7	5	3	3	5	3	4	4	5	5	4	3	3	1	1	0	3	
26	0	0	0	0	0	0	0	0	0	----	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	
27	0	0	1	2	2	-	2	2	3	2	0	0	0	0	0	2	2	3	4	3	3	3	3	3	2	
28	2	2	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	1	
29	0	0	0	0	0	1	3	4	3	2	2	1	2	3	2	2	3	4	3	3	4	4	3	3	2	
30	3	3	4	5	5	6	7	8	9	7	6	5	5	5	3	-	3	2	2	4	2	3	3	3	4	
MEAN	2	2	2	2	2	2	3	4	4	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2.3	

PERCENTAGE OF DATA VALID - 84.2 PERCENTAGE OF DATA INVALID - 15.3 PERCENTAGE OF DATA UNAVAILABLE - 0.6

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. --- INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA															MONTH - OCT 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	5	4	4	5	7	6	6	6	6	8	8	6	4	4	4	6	6	6	4	4	2	0	5
2	0	0	0	0	0	1	2	2	2	2	1	1	0	0	0	0	0	0	2	5	6	6	4	4	2
3	2	2	0	1	0	4	5	9	3	8	3	2	3	2	0	0	0	0	0	0	0	0	0	0	2
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	1	2	0	3	0
6	2	3	3	2	2	0	0	2	2	---	2	1	2	2	2	3	3	---	3	3	3	1	2	3	2
7	4	5	3	3	3	3	6	5	4	3	1	0	0	0	2	0	2	3	4	7	9	6	6	7	4
8	5	5	5	4	4	3	3	3	4	---	2	2	2	3	3	3	3	2	3	0	0	0	0	0	3
9	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	6	2	2	2	0	1
10	0	0	1	2	0	2	4	5	3	0	3	3	3	4	5	3	5	4	5	6	6	5	4	3	3
11	4	4	3	4	3	4	4	3	2	2	3	2	2	1	0	0	1	0	0	0	0	0	0	0	2
12	0	0	0	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0	2	2	4	2	0	0	1
13	0	1	0	1	0	0	8	6	2	0	0	1	0	0	0	0	0	2	2	3	2	2	3	1	2
14	3	2	3	3	3	3	4	13	7	8	---	5	6	6	5	7	5	3	2	2	2	0	1	1	4
15	1	0	0	0	0	1	4	4	3	---	4	4	4	4	4	3	4	4	5	4	4	4	3	2	3
16	2	2	3	4	4	4	6	7	8	7	7	6	6	7	9	8	8	11	15	23	12	11	9	7	8
17	6	4	4	5	4	4	5	5	5	4	---	6	4	5	3	3	4	5	3	3	2	3	2	3	4
18	1	4	4	0	0	0	0	0	0	2	1	1	0	0	0	0	0	2	2	3	16	3	2	2	2
19	2	2	2	2	3	2	2	0	0	1	0	1	2	2	1	0	0	2	2	2	1	0	0	0	1
20	0	3	2	2	2	2	2	4	3	---	4	4	2	2	2	3	3	2	3	2	0	3	3	3	2
21	3	4	3	2	2	2	3	5	3	2	2	1	1	0	1	1	1	3	2	2	2	2	2	1	2
22	2	2	0	3	4	6	5	7	5	1	3	1	0	0	2	0	0	0	0	2	1	0	1	1	2
23	0	0	0	0	0	2	4	4	3	2	2	2	0	1	2	2	1	1	2	2	3	2	2	0	2
24	2	0	2	2	2	3	2	6	5	3	---	4	4	3	4	4	4	4	4	4	4	4	4	3	3
25	3	2	2	2	2	0	3	2	0	2	0	0	0	0	2	0	1	0	2	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
27	0	0	0	0	0	1	1	1	2	1	9	3	2	2	3	3	3	3	4	3	4	4	7	3	2
28	1	5	5	3	3	0	0	0	2	3	2	0	0	0	0	0	3	1	2	4	2	10	7	3	3
29	3	2	2	2	2	1	2	4	5	3	2	1	2	2	2	2	0	3	2	4	7	8	9	10	3
30	8	4	5	6	6	7	9	8	9	4	3	2	4	6	6	5	4	5	5	5	4	5	3	3	5
31	3	3	3	3	3	4	4	5	5	7	7	---	4	3	3	3	3	1	4	7	3	3	---	3	4
MEAN	2	2	2	2	2	2	3	4	3	2	3	2	2	2	2	2	2	2	3	4	3	3	3	2	2.5

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.9

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. --- INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX										UNITS - 0.1 COMS/1000 FT																
STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS. SARNIA										MONTH - NOV 80																
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	2	2	3	3	2	1	2	2	2	1	2	2	0	2	2	0	2	2	2	2	1	1	2	0	2	
2	0	0	1	0	0	1	0	1	1	0	0	0	0	0	0	0	2	4	3	2	2	2	2	2	2	1
3	2	2	3	3	3	3	3	4	5	5	6	7	8	9	6	6	6	6	4	9	3	5	5	3	5	
4	0	4	4	4	0	0	1	2	3	3	4	5	4	6	7	3	3	2	2	2	3	2	3	5	3	
5	0	0	0	0	0	0	0	2	3	0	0	1	1	2	0	1	2	5	7	5	5	4	3	4	2	
6	5	3	4	2	2	1	2	3	4	5	4	5	3	3	3	3	4	8	8	5	5	3	3	4	4	
7	4	5	5	5	5	4	7	10	11	9	7	8	9	6	11	11	4	3	2	2	2	2	3	2	6	
8	0	4	3	5	4	0	0	3	4	0	0	0	0	1	2	1	3	2	3	2	5	1	1	2	2	
9	3	3	3	3	4	7	5	4	5	4	3	2	0	0	0	2	2	0	2	0	3	2	0	0	2	
10	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	2	2	2	2	1	1	0	0	0	1
11	2	0	0	0	0	0	0	2	1	3	3	2	1	0	2	1	1	2	3	3	3	4	4	2	2	
12	2	2	0	3	2	2	2	5	4	3	1	0	0	3	2	2	2	3	5	8	6	8	6	8	3	
13	5	***	***	***	6	6	5	6	6	7	9	9	7	8	9	9	10	12	11	12	10	10	11	11	10	
14	9	7	6	4	2	3	2	2	4	2	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	
15	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	
16	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	2	4	5	4	6	2	2	1	
17	0	0	0	2	2	2	2	6	4	5	2	4	3	5	4	5	2	0	6	5	4	4	4	3	3	
18	***	3	5	4	3	2	0	0	2	4	6	4	4	0	2	1	0	0	2	3	0	0	2	5	3	
19	3	3	3	3	3	3	4	5	4	5	3	4	3	3	4	3	4	4	5	6	7	7	10	12	5	
20	9	8	7	7	10	10	9	14	9	11	10	9	7	6	7	7	8	7	7	7	7	6	6	6	8	
21	6	6	4	5	4	3	3	3	4	8	2	0	1	0	2	0	0	1	0	2	2	3	3	2	3	
22	4	4	5	5	4	2	4	3	5	6	5	5	5	7	6	5	5	6	5	4	4	4	4	3	5	
23	4	6	6	7	6	5	3	5	4	7	6	6	5	7	3	6	8	5	5	6	4	4	5	4	5	
24	5	6	5	9	6	6	6	7	6	6	***	2	0	1	0	0	0	0	0	0	0	0	0	0	3	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	2	4	8	6	5	3	1	
26	5	5	4	4	4	4	4	9	8	5	7	3	3	3	2	3	5	4	6	11	10	8	9	5	5	
27	-	3	3	3	3	2	3	3	3	2	4	3	3	0	2	2	3	2	3	2	0	2	2	3	2	
28	2	3	0	2	2	3	3	4	5	4	***	3	2	3	4	3	2	5	4	3	3	3	4	2	3	
29	1	0	0	1	2	2	2	3	2	4	3	2	2	2	0	2	1	1	4	2	3	2	0	2	2	
30	0	1	2	1	0	0	1	0	3	1	2	2	3	2	2	0	4	4	4	4	4	3	4	4	2	
MEAN	3	3	3	3	3	2	2	4	4	4	3	3	2	3	3	3	3	3	4	4	4	4	4	4	3.1	

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS. SARNIA														MONTH - DEC 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	5	3	4	4	5	6	6	7	****	5	4	4	3	4	3	4	3	3	3	4	4	4	4
2	3	3	3	2	4	4	6	5	4	2	2	0	1	1	0	3	3	2	0	0	2	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	1	3	3	6	2	1
4	0	0	2	0	0	0	2	2	2	3	3	***	***	***	***	***	***	2	2	0	2	3	0	2	1
5	2	0	3	5	3	3	0	4	2	2	3	3	2	2	0	1	3	2	2	3	2	2	2	2	2
6	2	4	2	2	3	3	2	3	3	4	4	7	7	6	7	7	5	7	6	7	7	8	9	8	5
7	9	7	6	9	8	7	9	7	9	6	6	5	5	4	6	5	4	3	3	3	2	3	3	4	6
8	3	3	6	4	5	5	3	5	5	5	-	4	2	2	2	2	1	0	3	0	0	0	0	0	3
9	0	0	0	1	0	1	0	3	3	4	2	4	1	2	2	2	2	2	3	4	-	-	0	0	2
10	0	2	0	0	2	0	2	0	2	1	0	1	2	3	2	4	3	2	1	0	0	0	0	0	1
11	0	0	0	0	0	2	11	10	5	3	2	2	1	2	2	2	3	2	2	3	-	-	-	4	3
12	3	5	3	3	2	2	3	5	6	6	***	7	6	5	5	5	5	5	5	3	5	2	0	4	4
13	4	4	4	2	2	0	0	0	0	0	0	0	0	2	0	2	2	2	2	5	2	4	3	2	2
14	2	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	3	4	5	1
15	10	4	4	4	3	2	3	6	6	6	5	***	4	4	***	***	3	3	3	3	4	6	5	5	4
16	5	4	4	5	7	3	4	3	3	2	0	2	2	0	2	0	0	0	4	0	0	0	2	3	2
17	2	3	2	0	0	0	3	4	8	6	4	4	3	3	4	3	4	4	4	4	8	3	3	3	3
18	***	***	3	2	3	1	0	0	0	3	0	1	0	0	0	2	2	2	0	1	0	-	-	-	1
19	0	0	0	0	0	0	0	1	0	0	0	2	-	-	0	0	2	2	2	5	4	4	2	2	1
20	1	1	2	1	1	1	1	0	2	2	0	2	1	0	2	0	1	3	2	2	3	2	2	2	1
21	2	0	3	3	3	3	3	4	3	3	3	2	2	2	2	3	1	5	5	5	5	5	6	6	3
22	8	9	9	7	7	7	7	8	8	***	5	6	6	5	3	4	4	5	4	4	5	5	6	6	6
23	5	7	9	10	8	7	8	9	9	9	9	6	8	7	5	6	8	7	8	7	7	7	7	6	7
24	6	7	6	6	5	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
25	0	0	0	1	2	2	2	3	2	3	3	2	2	2	2	2	0	0	0	0	0	0	0	0	2
26	3	7	3	7	5	4	3	3	4	6	4	4	4	5	4	3	5	4	4	4	5	4	4	6	8
27	14	15	7	5	5	6	6	6	7	16	15	4	3	2	2	2	4	5	4	4	4	4	4	5	6
28	6	4	5	8	6	6	6	7	7	8	9	10	7	7	6	8	8	7	***	10	11	10	9	8	5
29	10	10	12	9	8	9	10	9	11	9	7	3	3	5	2	0	0	0	2	0	2	0	0	0	5
30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	3	2	4	4	3	4	2	1
31	2	2	2	3	3	2	2	3	2	3	2	2	2	2	2	2	2	2	1	3	2	2	3	-	2
MEAN	4	4	3	3	3	3	3	4	4	4	3	3	3	3	2	3	3	3	3	3	3	3	3	4	3.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.2	5	12
FEB	29	2.9	10	15
MAR	31	2.7	8	28
APR	30	2.5	7	15
MAY	31	3.1	9	23
JUN	30	2.7	7	12
JUL	30	3.0	6	11
AUG	31	2.6	5	12
SEP	25	2.3	5	13
OCT	31	2.5	8	23
NOV	30	3.1	9	15
DEC	31	3.2	8	16
YEAR	360	2.7	10	28

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	661	75	1	0	0	0	0	737
FEB	528	143	15	0	0	0	0	686
MAR	591	132	5	0	1	0	0	729
APR	590	99	9	0	0	0	0	698
MAY	568	131	20	4	2	0	0	725
JUN	540	137	5	0	0	0	0	682
JUL	550	150	1	0	0	0	0	701
AUG	607	115	2	0	0	0	0	724
SEP	527	76	3	0	0	0	0	606
OCT	614	109	5	1	1	0	0	730
NOV	528	169	15	0	0	0	0	712
DEC	528	180	8	1	0	0	0	717
YEAR	6832	1516	89	6	4	0	0	8447

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.2	0	0.0	0.7	1.9	3.1	5.5	6.9	8.8	10.4	28	2.7

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - SW NO 15001															MONTH - JAN 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	5	0	2	4	1	0	3	5	0	0	4	2	0	5	0	4	7	0	4	7	0	6	9	3
2	0	3	5	5	5	5	4	5	8	8	1	10	3	7	5	4	9	0	4	5	0	0	3	4	4
3	3	0	5	5	5	0	2	2	3	2	4	4	4	0	2	0	2	3	3	3	3	2	4	2	2
4	2	6	5	2	3	3	3	3	4	5	0	4	2	4	11	3	0	0	0	6	7	6	2	0	3
5	0	1	0	6	11	3	0	1	0	5	0	0	3	3	2	3	4	4	3	5	5	2	3	4	4
6	4	4	3	3	6	4	7	9	4	5	3	4	3	3	3	1	0	4	3	3	3	7	3	4	4
7	5	5	4	3	3	3	2	0	0	3	0	0	0	0	4	7	4	4	2	3	3	2	3	3	3
8	0	0	2	0	3	5	0	3	4	3	2	3	4	4	4	5	4	4	2	2	1	0	0	2	2
9	0	1	0	0	0	0	0	2	2	2	2	2	2	4	1	0	3	4	4	4	5	4	6	4	2
10	2	6	5	4	3	3	4	3	3	4	3	4	3	0	3	3	4	3	3	0	3	3	5	6	3
11	7	8	8	7	6	6	4	0	0	0	0	4	4	5	1	0	4	4	0	0	0	0	1	1	3
12	0	0	1	0	0	0	3	7	2	4	2	2	0	2	1	2	2	3	6	10	14	2	2	1	1
13	4	2	1	3	3	3	5	4	4	3	3	3	2	2	2	3	2	3	3	3	6	4	3	4	3
14	5	3	1	2	3	4	7	6	8	8	6	5	6	10	3	5	2	5	3	4	5	4	6	5	5
15	5	3	3	3	4	3	3	2	3	2	2	0	0	2	3	4	5	4	4	3	3	3	2	0	3
16	2	1	0	0	2	0	2	2	0	5	5	5	5	4	4	3	4	11	4	3	0	0	3	4	3
17	6	6	7	7	7	0	5	6	8	7	2	9	10	3	10	6	5	5	0	4	5	3	0	0	5
18	3	4	5	4	0	0	3	6	8	7	7	6	0	4	0	7	4	5	5	5	0	0	2	3	4
19	3	3	4	0	5	0	0	2	3	2	4	3	4	3	4	3	1	0	0	0	2	2	2	5	2
20	0	4	1	3	2	1	3	4	5	0	0	2	2	2	2	3	2	0	0	0	0	0	0	2	1
21	4	2	3	0	2	0	3	4	6	7	7	6	4	5	4	0	4	6	10	6	6	6	7	5	4
22	4	4	2	3	3	3	4	6	5	5	6	5	6	0	5	0	4	4	4	5	3	4	4	2	4
23	4	2	3	3	3	2	1	0	3	1	1	0	5	1	2	3	2	3	3	2	2	3	4	3	2
24	3	3	4	4	5	6	5	5	4	2	3	3	3	3	4	4	5	4	3	6	6	7	6	2	4
25	3	3	5	3	2	3	4	3	4	5	4	4	5	5	13	2	3	2	5	5	5	6	5	4	3
26	6	4	3	3	3	6	4	2	3	4	3	3	2	2	0	7	1	3	3	3	2	3	3	3	3
27	2	2	2	2	0	0	4	2	3	3	2	1	4	3	0	0	2	0	0	2	4	4	3	2	2
28	2	2	2	1	0	1	2	3	3	0	3	0	1	1	0	2	0	3	4	7	4	4	6	5	2
29	2	3	3	2	2	2	3	5	13	3	3	0	3	3	1	3	4	3	4	5	3	4	2	3	3
30	2	5	0	0	0	0	2	2	2	0	0	0	2	2	2	2	8	0	0	-	1	2	3	4	2
31	3	1	0	0	0	0	5	4	0	1	0	0	2	1	1	1	0	2	2	0	0	2	1	2	1
MEAN	3	3	3	3	3	2	3	3	4	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3.0

PERCENTAGE OF DATA VALID - 97.7

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - SW NO 15001															MONTH - FEB 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	0	2	1	2	0	13	7	****	2	4	0	0	0	2	2	1	0	2	4	3	2	1	2	2
2	0	2	0	0	0	0	0	0	2	0	3	0	1	2	0	0	0	0	3	4	0	5	7	0	1
3	2	1	1	2	0	2	0	2	2	2	3	1	2	1	3	3	2	3	2	2	2	1	0	0	2
4	0	0	0	0	0	0	3	3	3	3	2	2	4	3	5	0	0	2	0	0	2	2	3	4	2
5	5	4	2	1	2	6	8	13	19	12	9	7	14	0	2	3	-	-	0	12	6	0	4	4	6
6	4	3	3	2	0	0	2	2	5	5	8	0	0	0	0	0	1	12	0	0	0	0	3	0	2
7	0	0	2	0	0	0	2	0	4	3	4	1	2	3	3	2	2	1	1	2	3	2	2	0	2
8	0	2	3	5	6	10	5	14	6	5	3	3	4	2	0	0	0	2	0	2	5	5	5	4	4
9	7	3	3	4	4	1	5	4	5	3	2	2	1	0	1	0	0	1	0	3	4	4	3	3	3
10	0	1	0	0	5	0	0	1	2	5	3	1	3	3	2	0	3	2	2	3	5	4	3	4	2
11	2	3	3	4	8	3	5	4	4	12	4	0	6	4	4	3	6	4	5	2	2	0	3	2	1
12	0	0	0	0	0	0	3	4	5	5	4	2	5	1	0	0	0	0	3	3	3	4	6	5	2
13	5	6	8	0	2	4	9	6	6	3	2	2	4	4	4	0	5	5	4	3	2	3	4	4	4
14	3	3	0	3	4	7	6	7	6	5	4	3	2	4	3	2	3	3	3	4	5	4	5	8	4
15	5	12	1	4	2	4	2	4	4	16	4	5	5	3	3	3	1	4	5	6	4	4	8	2	5
16	1	3	3	5	2	6	9	8	4	2	0	0	0	4	0	2	2	1	1	2	2	2	3	2	3
17	0	0	0	0	0	0	0	0	0	0	0	1	0	1	3	3	5	0	3	8	0	0	0	0	1
18	0	10	9	0	9	5	5	8	5	7	7	4	5	3	4	5	4	4	4	2	4	2	7	3	5
19	15	5	2	5	7	5	6	6	7	6	6	4	8	7	6	8	13	2	2	8	10	10	10	11	7
20	11	4	0	0	6	8	10	11	10	12	11	7	2	4	9	9	9	12	12	10	11	11	0	9	8
21	12	10	9	8	8	5	3	5	4	5	0	0	5	4	5	7	5	6	5	13	5	6	3	6	6
22	8	5	11	10	0	7	6	0	3	10	2	6	8	7	7	8	3	3	3	2	3	3	4	5	5
23	2	3	3	3	2	3	3	3	3	4	3	4	6	4	0	0	6	5	8	5	7	8	6	4	4
24	7	5	4	3	0	0	0	0	0	0	0	0	0	1	0	3	0	2	2	3	4	3	3	2	2
25	4	3	9	5	0	0	0	3	1	2	0	2	6	2	2	0	1	0	0	1	4	2	8	2	2
26	3	0	0	0	4	9	0	0	3	5	3	7	0	2	3	4	5	4	6	4	6	1	11	4	4
27	0	0	0	0	0	0	0	2	4	2	0	2	3	3	2	5	3	2	2	2	3	0	1	1	1
28	0	0	0	0	0	0	0	0	4	11	2	1	0	1	2	0	0	0	2	0	3	11	6	0	2
29	7	0	0	0	8	4	0	7	5	3	5	0	0	0	2	3	3	1	0	0	0	12	2	0	3
MEAN	4	3	3	2	3	3	4	4	4	5	4	2	3	3	3	3	3	3	3	4	4	4	4	3	3.4

PERCENTAGE OF DATA VALID - 97.4

PERCENTAGE OF DATA INVALID - 2.3

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - SW NO 15001															MONTH - MAR 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	8	2	12	4	4	4	8	2	1	2	0	0	2	2	0	2	2	2	2	0	0	4	13	4
2	***	11	0	10	0	2	6	0	7	3	2	2	1	***	0	2	0	2	2	3	9	8	7	7	4
3	10	4	6	7	10	2	5	1	7	7	10	4	***	3	10	4	5	7	0	3	2	3	1	1	5
4	1	0	2	1	2	2	7	7	3	0	7	7	5	5	7	2	7	6	6	5	11	6	9	4	5
5	0	7	3	0	7	9	0	10	9	4	9	7	2	0	3	6	0	4	0	0	0	0	2	2	4
6	0	0	0	0	3	3	2	2	1	1	0	0	***	***	2	2	3	6	10	7	0	7	6	3	5
7	5	5	6	6	6	5	6	7	0	6	2	4	5	4	3	3	11	5	7	7	3	0	1	4	5
8	4	3	2	5	3	3	5	0	3	4	5	5	7	7	3	4	0	4	6	7	2	0	0	1	4
9	1	2	2	5	5	6	4	5	5	4	10	0	6	5	3	4	6	0	9	0	5	6	3	0	4
10	4	5	6	0	0	5	8	8	0	10	4	5	4	4	4	4	4	3	3	0	1	2	4	4	4
11	0	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
12	***	***	***	***	***	***	***	6	0	3	2	3	2	0	0	1	3	3	0	2	1	7	10	4	3
13	2	0	***	9	3	2	2	3	0	5	***	***	***	2	0	1	3	3	0	1	5	0	0	0	2
14	1	3	3	6	3	***	1	0	0	0	6	2	0	2	2	2	3	3	2	2	2	2	0	1	2
15	0	2	2	0	0	0	0	1	3	2	3	2	4	0	0	4	5	0	0	0	3	4	5	1	2
16	0	3	4	0	2	8	2	***	10	***	9	0	0	2	3	0	7	0	0	4	6	8	4	0	3
17	5	8	0	5	0	0	5	2	0	6	8	***	6	5	***	4	4	1	0	0	0	0	6	0	3
18	3	4	0	0	0	2	2	4	0	1	0	0	0	1	2	2	2	1	2	6	0	5	0	2	
19	2	5	6	0	5	7	0	6	5	5	5	4	6	5	4	5	3	3	3	4	3	2	5	3	4
20	3	3	3	2	5	4	4	7	6	5	5	5	6	***	***	4	3	2	0	2	4	4	2	3	4
21	3	3	3	3	3	3	0	4	4	0	0	1	0	4	0	3	4	0	3	10	***	2	2	3	3
22	7	0	0	2	3	4	3	0	0	3	3	4	0	7	0	3	6	0	4	6	4	0	0	6	3
23	5	21	***	3	3	5	4	0	0	3	5	6	0	4	5	0	8	0	4	7	0	3	7	3	4
24	***	3	3	4	5	7	3	***	8	7	8	0	9	5	9	5	2	4	8	0	7	0	8	0	5
25	4	***	2	3	***	3	0	***	3	5	0	3	10	0	5	0	4	6	0	3	4	0	0	3	3
26	4	0	0	2	3	5	0	2	4	0	4	1	0	5	2	2	2	1	0	0	1	0	5	0	2
27	5	0	4	1	4	9	4	13	5	3	3	3	3	2	1	0	3	2	2	1	2	2	2	4	3
28	3	3	4	4	3	2	4	6	9	***	2	4	4	3	4	7	8	0	7	0	5	8	0	6	4
29	5	8	7	0	0	4	3	3	2	1	0	0	0	0	4	5	4	0	6	2	4	6	0	6	3
30	0	4	5	0	0	4	4	3	0	0	6	0	6	0	3	6	0	0	0	0	0	0	0	0	2
31	6	0	0	3	4	0	0	6	2	3	***	13	3	0	0	5	4	2	3	3	4	5	0	0	3
MEAN	3	4	3	3	3	4	3	4	3	3	4	3	3	3	3	3	4	2	3	3	3	3	3	3	3.3

PERCENTAGE OF DATA VALID - 92.6

PERCENTAGE OF DATA INVALID - 7.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - SW NO 15001															MONTH - APR 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	5	0	0	3	3	5	8	0	2	7	0	3	4	4	2	3	4	6	4	4	4	9	4
2	0	3	8	***	***	6	1	9	2	3	6	6	2	2	2	3	3	2	3	2	3	3	4	5	4
3	7	8	0	3	3	5	5	0	6	2	2	1	-	3	0	1	4	6	0	***	0	2	0	0	3
4	0	5	8	0	0	7	0	6	0	5	0	4	0	5	0	4	5	***	2	3	4	***	***	2	3
5	3	4	0	0	2	3	5	***	2	2	2	2	2	3	2	2	1	1	0	2	6	5	1	0	2
6	2	2	2	3	9	3	11	1	3	3	3	4	5	4	2	2	0	0	2	2	0	0	0	0	3
7	0	5	0	6	2	6	3	7	5	6	6	5	5	4	5	3	4	4	3	1	2	2	3	4	4
8	3	2	2	2	4	3	3	4	3	4	4	3	3	0	2	4	3	2	1	2	2	0	2	3	3
9	2	2	2	3	4	3	5	5	3	3	4	4	3	2	3	2	3	2	5	4	4	0	4	2	3
10	0	3	0	3	0	2	4	3	2	5	0	4	5	0	6	0	6	2	2	5	2	5	0	5	3
11	0	4	6	4	0	5	2	7	3	3	8	4	***	3	0	5	1	7	0	3	6	1	12	2	4
12	7	0	2	6	0	3	8	0	7	6	10	4	5	3	2	2	5	0	4	0	5	4	0	4	4
13	3	0	2	3	4	0	0	4	0	0	0	0	1	2	1	0	0	0	4	0	2	3	5	0	1
14	***	0	0	0	0	0	0	0	0	0	1	0	1	3	6	5	2	0	0	2	5	4	5	0	1
15	2	3	3	***	***	0	4	4	5	5	5	2	***	***	6	8	0	4	4	3	***	0	***	***	3
16	2	3	3	4	1	***	***	0	0	0	3	5	0	7	0	15	0	6	0	13	4	3	7	5	4
17	0	***	***	4	5	9	10	10	0	3	3	3	***	1	4	3	3	3	3	3	5	5	8	0	4
18	5	9	2	8	0	10	5	13	6	6	***	***	2	3	0	5	0	3	3	4	3	5	9	15	5
19	15	17	14	11	7	10	8	3	5	4	10	2	7	6	4	5	5	4	6	***	***	4	4	5	7
20	0	2	5	0	3	1	3	3	***	0	2	3	1	0	1	0	1	2	0	2	0	2	4	2	2
21	2	0	2	2	0	6	7	3	0	1	0	1	0	0	0	0	0	0	0	4	11	12	14	3	
22	16	18	14	9	12	11	14	3	4	0	3	3	3	3	7	4	3	3	6	3	1	0	-	3	7
23	0	0	2	2	2	3	4	2	2	2	0	0	0	0	2	0	2	1	0	0	3	0	0	1	1
24	0	2	2	1	1	2	2	4	0	7	0	***	***	***	0	2	4	3	2	0	5	2	1	0	2
25	2	2	0	0	0	0	0	1	2	0	0	0	0	***	0	0	4	0	2	1	0	3	4	3	6
26	3	5	3	5	6	4	3	3	0	0	1	2	0	2	0	0	0	3	0	0	3	10	4	3	3
27	3	3	2	2	2	0	2	0	0	0	0	0	2	2	0	1	2	0	0	2	2	3	0	2	1
28	3	0	3	0	3	2	3	4	5	4	2	3	4	4	2	2	2	0	0	0	0	3	2	0	2
29	4	0	0	0	3	0	2	5	0	***	***	7	0	4	2	4	2	0	3	4	4	4	4	3	3
30	0	3	2	2	2	2	3	3	0	3	2	1	3	3	3	4	2	2	1	-	2	3	2	4	4
MEAN	3	4	3	3	3	4	4	4	2	3	3	3	2	3	2	3	2	2	2	3	3	3	4	3	3.0

PERCENTAGE OF DATA VALID - 95.0

PERCENTAGE OF DATA INVALID - 4.3

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - SW NO 15001															MONTH - MAY 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	3	1	4	3	***	3	1	2	2	2	3	***	-	2	8	0	0	0	2	3	0	2
2	1	0	0	0	0	3	3	3	7	2	2	2	***	2	2	2	0	2	2	3	2	5	4	6	4
3	7	10	7	4	14	8	7	6	1	2	4	2	2	2	2	2	1	3	3	3	4	***	3	3	2
4	5	4	3	2	3	7	5	0	2	3	2	3	2	2	2	3	2	2	2	3	5	4	4	4	3
5	3	5	2	1	5	7	7	5	3	4	5	4	3	4	3	2	2	2	3	3	2	2	2	0	3
6	2	0	0	0	0	2	4	2	2	0	0	0	0	2	1	2	1	2	2	3	0	0	3	4	1
7	0	1	3	2	2	2	2	0	0	1	1	0	3	***	2	3	0	0	1	0	3	1	2	3	1
8	2	2	1	0	4	0	2	0	0	1	0	0	0	0	1	5	3	4	0	3	0	0	2	5	1
9	2	0	2	4	0	4	3	0	0	***	2	2	0	0	1	2	1	2	2	0	3	2	5	4	2
10	5	8	5	6	7	8	7	2	3	2	4	5	4	4	4	4	3	3	2	4	2	3	2	4	4
11	2	1	0	2	3	3	3	3	3	4	4	3	3	2	1	3	2	0	0	0	2	3	0	2	2
12	3	2	0	6	3	5	2	4	4	3	3	3	4	***	3	3	3	***	10	5	6	6	6	5	1
13	1	4	3	3	0	0	0	2	2	3	1	3	4	0	2	3	3	3	3	3	2	3	2	3	2
14	0	0	3	0	0	2	3	2	2	1	0	0	2	0	0	2	0	0	0	0	0	2	2	1	1
15	3	3	0	3	6	6	9	8	7	5	0	2	0	1	0	0	1	1	2	3	0	5	3	6	3
16	4	5	3	8	6	7	5	5	0	1	2	1	0	0	1	0	1	1	2	2	3	4	3	3	3
17	5	6	3	3	3	2	2	1	4	0	3	4	2	3	2	3	6	5	0	5	0	4	2	2	3
18	0	1	3	0	1	3	2	3	3	3	0	2	2	2	-	0	2	2	0	1	2	0	1	0	1
19	0	0	0	0	0	1	0	0	0	0	0	0	3	0	2	2	0	1	2	4	2	4	3	2	1
20	3	4	5	0	4	5	3	3	3	2	8	4	3	4	4	3	4	3	3	4	5	4	3	4	4
21	2	3	0	3	5	6	8	7	7	5	5	5	3	3	2	2	2	2	3	3	4	9	9	7	4
22	6	8	8	7	10	16	24	8	9	***	7	5	5	5	7	8	7	6	6	9	10	10	8	8	9
23	6	9	10	10	12	15	16	10	16	12	5	6	5	5	***	3	3	3	5	7	10	12	12	12	9
24	9	6	6	6	8	9	10	6	6	7	6	4	6	4	3	3	4	4	5	6	7	5	5	6	6
25	4	3	3	3	3	3	2	2	2	2	2	1	2	2	2	0	0	1	0	0	0	2	8	2	1
26	0	0	0	0	0	4	1	1	3	1	0	***	0	0	2	3	2	0	0	***	2	1	3	1	1
27	1	***	2	2	0	2	3	3	2	4	3	0	2	2	2	2	2	0	0	2	4	4	3	6	2
28	7	7	9	8	5	6	8	4	3	4	5	***	8	3	4	5	5	3	4	4	5	5	6	5	5
29	5	5	7	5	14	0	4	6	6	7	7	7	***	9	9	8	7	7	7	6	7	6	6	7	6
30	6	10	7	10	10	11	12	10	7	6	6	7	6	0	5	6	5	5	5	3	2	3	3	2	6
31	2	2	2	1	4	3	2	2	4	5	4	3	2	1	2	1	2	0	1	0	0	0	0	0	2
MEAN	3	4	3	3	4	5	5	4	4	3	3	3	2	2	3	3	2	3	2	3	3	4	4	4	3.3

PERCENTAGE OF DATA VALID - 97.4

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - SW NO 15001															MONTH - JUN 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	9	****	1	2	0	0	6	0	1	2	0	2	0	1	2	2	0	2	3	0	2	3	2
2	2	0	0	4	3	5	7	11	****	4	3	1	2	****	3	3	2	3	3	3	3	4	2	2	3
3	3	3	4	2	2	3	3	2	2	2	2	0	0	0	0	0	0	0	0	3	1	3	1	0	2
4	0	2	0	2	2	2	6	1	0	2	1	0	0	3	0	1	0	2	0	0	0	2	3	3	1
5	3	4	2	4	5	9	15	8	4	****	3	3	4	2	2	2	2	1	2	3	3	3	4	4	4
6	4	3	8	0	4	6	4	14	1	2	8	5	****	6	9	6	5	1	1	2	2	3	3	3	3
7	3	3	3	2	7	0	3	4	1	2	3	3	2	3	2	3	2	0	2	2	2	4	2	2	4
8	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	1	3	0	0	2	2	2	2	2	1
9	3	3	0	7	10	4	4	3	2	2	****	4	2	0	4	0	2	0	1	0	0	0	3	0	2
10	0	0	0	0	10	0	2	0	****	2	0	0	1	3	0	0	0	0	2	2	3	****	0	0	1
11	0	1	0	0	2	3	2	1	****	****	6	3	0	0	0	3	0	2	3	0	0	6	10	7	2
12	8	9	10	3	11	7	12	****	****	6	4	3	4	4	4	4	4	0	5	0	0	4	1	6	6
13	7	-	3	5	10	4	5	7	6	-	-	0	4	****	6	5	6	****	****	9	11	5	8	9	6
14	6	9	8	****	****	****	****	****	****	6	****	6	6	7	7	7	5	7	10	3	8	8	8	5	7
15	****	3	5	6	9	3	5	7	6	2	5	3	5	1	3	0	4	0	0	0	0	3	0	0	3
16	0	0	0	0	2	2	3	2	0	0	0	0	2	1	0	0	0	0	0	0	2	3	0	0	1
17	1	0	2	1	3	5	7	4	3	3	2	2	2	3	3	3	2	3	2	3	4	5	4	2	3
18	3	6	0	4	5	8	7	7	7	6	5	5	5	5	5	4	4	3	3	3	2	3	4	5	5
19	5	4	7	6	3	4	8	11	2	5	5	5	7	****	6	5	5	0	2	2	2	0	0	0	4
20	1	0	0	0	0	0	1	3	0	3	0	2	2	2	2	2	1	0	0	0	2	2	2	5	1
21	0	3	6	5	7	7	0	2	3	2	2	2	0	2	2	2	1	1	2	2	3	4	4	3	3
22	0	2	3	2	3	2	3	6	5	4	4	3	3	2	2	3	2	3	3	3	2	2	3	3	3
23	4	3	6	6	6	7	10	7	7	6	9	4	0	3	3	4	4	3	4	5	8	10	12	15	6
24	17	12	11	10	11	11	13	14	14	12	6	7	5	5	4	5	-	5	5	3	4	8	7	6	8
25	7	4	5	6	8	10	8	8	8	6	4	4	4	3	3	3	3	5	4	7	7	7	4	5	5
26	3	4	4	4	5	6	8	8	7	6	8	5	5	5	6	7	6	5	3	3	4	3	2	3	5
27	3	4	6	5	3	3	4	4	5	4	3	2	2	2	2	2	2	1	0	2	0	1	0	2	3
28	0	1	2	1	0	3	2	2	3	3	3	0	0	1	2	1	2	2	2	2	2	2	2	2	2
29	4	4	0	2	****	****	****	2	3	3	3	2	3	2	2	0	1	1	0	0	0	0	0	0	2
30	0	0	0	0	0	0	0	3	0	2	1	2	2	2	2	1	0	1	0	1	2	1	3	5	1
MEAN	3	3	3	3	4	4	5	5	4	3	4	3	3	3	3	3	2	2	2	2	3	3	3	3	3.2

PERCENTAGE OF DATA VALID - 94.9

PERCENTAGE OF DATA INVALID - 4.4

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX																	UNITS - 0.1 COHS/1000 FT								
STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY.LONDON																	MONTH - JUL 80								
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	7	5	8	3	9	5	5	4	3	3	2	3	2	3	3	3	3	3	4	5	4	6	4	4
2	4	4	3	3	2	2	2	2	0	.....	.....	2	1	2	1	2	2	2	2	0	2	2	2	2	2
3	1	0	1	2	2	3	5	3	2	3	3	3	2	0	1	0	0	0	1	2	2	6	4	4	2
4	3	4	5	4	6	12	14	9	5	6	.....	.....	5	5	4	4	5	4	5	6	6	6	6	7	6
5	4	4	4	3	3	6	5	6	.....	0	3	2	2	0	1	1	2	2	0	0	0	0	0	0	2
6	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	4	1
7	3	5	5	5	9	11	14	15	9	4	3	3	3	3	3	3	3	3	4	4	4	4	5	3	3
8	3	0	3	4	6	5	3	3	3	2	2	2	2	2	2	.....	.....	2	0	1	2	2	3	2	3
9	2	2	1	1	3	3	0	0	6	9	5	6	6	3	4	4	4	4	6	5	8	8	10	10	5
10	9	10	11	9	11	10	16	13	9	8	6	4	4	5	4	4	.....	4	4	6	6	5	5	5	7
11	4	4	3	5	4	5	9	9	6	3	3	3	.....	0	0	2	2	1	2	1	2	3	0	4	3
12	2	2	2	2	1	0	0	0	1	C	2	0	0	0	0	0	0	0	0	0	2	2	2	2	1
13	3	3	2	2	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	2	3	5	2	1
14	3	4	3	4	6	7	7	6	4	4	3	3	2	3	2	2	3	3	3	3	3	5	5	6	4
15	7	5	4	5	7	7	6	4	6	7	4	4	8	8	4	5	6	4	4	4	7	4	4	3	5
16	2	2	3	2	3	5	4	2	4	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
17	3	2	2	0	2	3	4	3	2	2	2	2	1	1	2	2	1	0	0	1	2	2	1	2	2
18	2	0	0	0	1	3	6	7	.....	3	2	2	1	3	2	2	2	2	2	2	2	2	3	2	3
19	2	0	2	2	0	1	3	3	4	4	3	4	3	4	3	4	3	4	3	4	3	4	3	2	3
20	3	3	2	4	6	4	3	3	3	4	0	0	0	1	0	3	3	3	3	4	4	3	3	2	3
21	0	0	0	0	2	1	2	4	2	2	0	2	5	2	1	3	1	3	2	1	2	2	2	1	2
22	0	2	0	0	3	3	3	4	4	3	3	3	4	2	2	3	0	1	0	0	10	4	0	2	2
23	0	4	0	0	4	4	0	0	4	0	2	8	4	8	4	0	0	0	0	0	1	2	2	2	3
24	1	0	2	3	3	5	4	3	2	0	1	2	4	2	0	0	0	4	3	2	3	3	4	6	3
25	4	2	0	0	3	4	4	4	5	5	1	0	4	2	2	3	3	3	3	3	3	3	3	3	3
26	4	3	3	3	4	5	4	4	3	4	3	3	3	3	2	2	3	3	2	2	2	3	2	3	3
27	2	2	2	2	2	2	3	3	6	5	5	4	4	4	3	3	3	3	3	5	3	2	3	2	3
28	2	1	1	0	0	1	2	4	7	4	2	4	3	2	2	2	2	2	2	2	2	2	2	2	2
29	1	0	0	0	1	2	2	3	4	4	4	3	2	2	2	3	3	3	4	4	4	5	4	5	3
30	5	5	4	3	3	5	4	2	0	2	1	1	0	0	0	1	0	0	0	2	4	11	7	10	3
31	10	8	7	9	8	9	8	4	3	6	5	5	3	3	2	4	4	6	6	5	5	2	3	2	5
MEAN	3	3	3	3	4	4	5	4	4	4	3	3	3	3	2	2	2	2	2	2	3	4	4	3	3.1

PERCENTAGE OF DATA VALID - 96.4

PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX																	UNITS - 0.1 COHS/1000 FT								
STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY.LONDON																	MONTH - AUG 80								
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	4	5	5	6	5	6	5	1	2	4	4	3	4	4	3	3	2	3	4	5	5	5	4
2	4	5	4	4	8	8	.....	.....	6	4	3	3	1	2	2	0	2	2	2	3	3	3	3	2	3
3	2	2	2	0	1	2	0	0	0	0	1	1	0	0	0	0	0	0	1	2	1	4	5	5	2
4	5	5	3	3	4	3	3	3	2	2	0	0	1	2	2	1	0	1	3	2	2	3	3	3	2
5	3	3	3	4	4	5	4	4	4	5	8	7	3	3	5	4	3	3	4	3	2	3	3	3	4
6	2	0	1	3	2	3	4	5	5	5	5	3	2	3	2	4	5	4	4	3	4	4	4	5	3
7	4	4	4	4	3	4	4	5	4	3	3	4	2	3	3	4	5	4	3	4	6	7	6	7	4
8	4	6	.....	8	6	5	9	8	6	4	3	3	5	3	3	4	4	4	2	2	2	2	3	3	4
9	.....	8	2	0	1	0	0	0	0	1	0	0	0	0	1	0	2	1	2	2	0	1	0	2	1
10	2	0	2	1	1	2	1	2	2	1	2	2	1	0	2	2	3	1	2	2	2	2	2	2	2
11	2	1	1	2	0	3	4	4	4	.....	3	3	3	3	1	3	.....	1	2	2	4	1	2	1	2
12	0	0	0	0	0	0	1	2	1	2	0	0	1	0	0	2	1	2	0	1	2	1	2	2	1
13	2	0	2	3	2	4	3	2	2	0	2	2	2	2	3	3	3	2	0	3	3	3	3	3	2
14	2	2	2	3	3	5	4	4	5	6	5	4	5	3	3	3	3	7	3	3	5	5	0	4	4
15	.....	0	0	3	2	0	3	2	0	0	2	1	0	0	0	0	1	1	0	0	0	0	0	1	1
16	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	2	3	3	1
17	2	2	3	2	2	3	2	3	2	2	0	0	1	1	0	1	1	0	2	3	2	2	2	2	2
18	2	2	2	2	3	3	5	5	6	8	.....	.....	8	3	4	3	3	3	4	6	5	4	4	5	4
19	4	4	3	3	3	3	2	3	8	3	0	2	2	3	2	4	3	3	3	4	4	3	4	4	3
20	6	3	5	3	7	7	.....	8	6	6	5	3	1	2	0	2	3	2	1	3	4	6	4	3	4
21	3	3	.....	5	4	6	6	6	7	6	4	4	6	5	5	5	5	5	6	5	5	5	4	4	5
22	4	3	3	2	3	4	3	3	3	1	2	2	.....	2	1	2	0	0	2	0	0	1	1	2	2
23	1	0	0	0	1	0	1	2	1	0	0	0	2	0	1	2	2	0	0	2	2	2	4	2	1
24	2	4	2	2	2	3	2	2	2	2	2	0	2	0	0	2	0	0	2	3	4	4	4	4	2
25	4	4	6	7	7	12	11	12	5	5	4	4	3	3	1	2	2	2	2	3	4	3	4	4	5
26	2	5	4	3	3	6	7	7	7	6	4	5	4	5	4	5	5	4	5	5	6	6	5	4	5
27	3	4	3	5	5	12	11	7	8	5	4	7	5	4	7	5	4	4	6	6	7	6	6	8	6
28	6	6	6	6	7	7	7	5	4	4	4	3	5	5	5	8	5	4	4	3	2	2	2	2	5
29	1	2	3	2	3	5	5	7	7	6	6	3	5	6	5	5	5	4	5	6	7	4	4	5	5
30	6	5	5	5	6	6	8	6	5	5	4	3	3	4	4	7	4	4	4	4	4	3	3	5	5
31	4	6	4	3	2	2	4	2	4	3	3	3	2	3	3	2	0	3	3	2	1	2	2	0	3
MEAN	3	3	3	3	3	4	4	4	4	3	3	2	3	2	2	3	3	2	3	3	3	3	3	3	3.0

PERCENTAGE OF DATA VALID - 98.0

PERCENTAGE OF DATA INVALID - 1.6

PERCENTAGE OF DATA UNAVAILABLE - 0.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT										
		STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY LONDON														MONTH - SEP 80										
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		0	0	1	3	0	2	1	2	1	1	2	2	2	2	0	1	0	....	....	....	....	5	5	4	2
2		2	3	4	4	4	4	7	8	5	8	5	4	4	3	8	2	2	2	1	3	6	6	4	5	4
3		4	3	3	2	2	4	7	15	5	4	3	3	4	3	3	3	2	3	2	4	5	7	6	7	4
4		5	....	3	4	4	9	9	14	10	9	6	5	5	5	3	2	4	5	5	-	3	3	3	3	5
5		4	6	4	2	4	15	8	4	1	4	3	2	1	2	2	3	3	3	7	10	5	5	4	4	4
6		5	6	5	6	5	6	6	5	5	4	3	1	1	2	2	0	0	0	2	3	4	5	7	8	4
7		6	5	4	5	4	4	6	8	7	4	3	2	1	0	0	1	0	3	3	4	5	8	9	12	7
8		8	9	5	4	6	7	13	16	15	13	7	5	4	3	3	3	4	4	4	5	5	6	6	9	7
9		7	5	5	6	8	11	12	10	7	6	5	3	4	3	5	0	0	1	0	0	3	0	2	4	4
10		1	2	1	0	0	4	6	2	1	2	2	0	0	1	0	2	2	1	2	4	5	5	5	3	2
11		2	1	3	2	3	4	4	5	4	3	4	3	4	4	3	3	4	4	4	6	5	4	5	4	4
12		4	4	2	3	3	5	6	9	3	5	4	5	3	....	4	4	4	4	3	3	3	2	2	2	2
13		2	3	3	3	2	4	3	4	4	3	4	5	4	....	0	0	0	0	0	0	0	0	0	0	1
14		3	5	3	5	3	2	3	3	2	0	0	2	2	0	1	0	3	0	0	0	2	1	0	0	2
15		0	0	0	0	0	2	1	-	2	1	2	0	2	5	2	2	3	3	3	5	5	3	4	6	5
16		4	3	3	3	7	4	8	12	8	7	5	2	3	3	4	5	5	4	5	6	8	6	6	7	2
17		5	5	5	4	4	4	4	3	0	2	0	2	2	0	0	0	0	0	2	2	0	1	4	2	3
18		2	2	2	2	1	4	5	7	3	2	2	1	2	0	2	1	0	2	2	3	8	5	6	5	4
19		2	3	3	2	3	6	8	7	3	....	2	3	2	2	2	2	3	4	4	5	5	4	4	4	4
20		4	4	5	5	6	7	5	9	5	4	4	5	4	4	4	4	5	6	6	8	8	7	6	5	5
21		5	4	4	4	4	5	4	3	4	3	3	8	3	2	2	2	2	3	4	7	2	2	2	0	3
22		0	0	0	0	1	3	5	3	3	3	2	3	3	5	5	4	4	4	2	2	3	2	2	0	2
23		0	2	1	0	0	4	4	3	1	0	1	1	0	0	0	0	0	2	1	2	0	2	3	2	1
24		0	0	3	1	2	4	6	5	3	4	3	2	1	2	2	2	3	2	6	8	10	3	4	4	3
25		4	2	2	3	4	7	8	15	15	11	6	5	4	5	5	6	7	6	5	5	4	4	4	4	6
26		0	0	0	0	0	0	1	0	....	0	0	0	0	2	0	0	1	1	2	2	1	2	2	2	1
27		2	0	1	0	4	-	6	4	2	1	2	2	3	2	2	2	2	3	3	5	7	10	6	4	3
28		6	4	7	7	7	7	6	5	0	0	0	0	1	0	1	0	0	0	2	6	7	6	2	2	3
29		3	1	0	0	4	7	7	8	3	4	4	3	2	4	4	4	4	4	4	5	5	5	6	8	4
30		6	6	8	6	9	10	17	27	11	7	6	5	5	3	4	-	4	4	5	6	6	5	7	6	8
MEAN		3	3	3	3	3	5	6	7	4	4	3	3	3	2	3	2	3	3	3	4	5	4	4	4	3.7

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. .. INDICATES DATA IS UNAVAILABLE

3. INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT										
		STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY LONDON														MONTH - OCT 80										
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		7	7	7	5	5	4	7	6	4	5	5	4	4	5	6	5	6	6	5	5	5	5	3	0	5
2		0	0	0	0	0	1	4	3	2	4	2	2	1	1	2	-	....	3	4	5	7	8	6	9	3
3		10	10	5	2	3	4	8	11	5	8	3	3	3	4	8	3	2	2	3	2	3	2	2	3	5
4		3	3	0	0	0	0	2	2	0	2	1	0	0	0	0	2	0	2	2	2	1	0	2	2	1
5		2	2	0	2	0	0	2	2	2	3	0	1	2	1	1	0	0	1	0	2	2	2	2	3	1
6		2	2	2	3	4	4	5	9	4	0	2	4	3	2	3	3	4	-	4	4	5	4	3	3	7
7		4	4	5	5	6	13	19	30	14	6	3	2	0	0	0	1	2	3	7	12	12	9	9	7	7
8		5	4	3	4	5	3	6	5	4	-	-	4	6	5	3	4	4	4	4	2	1	0	1	0	4
9		0	0	0	0	0	2	3	3	2	0	0	0	0	0	0	2	1	2	4	2	3	3	5	5	2
10		4	3	3	3	3	4	6	7	5	5	2	3	3	2	2	3	2	3	4	7	7	6	5	6	4
11		5	4	4	4	4	4	5	4	5	5	3	4	2	2	1	2	1	0	2	0	0	0	1	2	3
12		1	0	0	0	0	2	0	0	2	1	0	1	0	0	0	0	0	5	0	3	1	4	0	2	1
13		0	2	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	2	0	2	3	2	2	2	1
14		1	5	1	2	4	5	11	10	14	10	4	4	3	3	2	5	2	2	0	1	2	1	0	1	4
15		1	1	2	0	1	2	3	4	6	....	5	6	6	6	5	3	3	3	4	4	12	6	5	4	8
16		4	3	3	3	3	4	6	7	10	8	12	11	10	12	13	8	3	10	10	10	8	9	8	8	4
17		7	10	7	7	8	8	6	8	0	7	5	6	6	7	7	6	5	5	5	7	4	3	2	0	6
18		2	0	1	0	2	2	5	3	0	2	2	2	2	2	0	8	3	3	3	2	2	7	3	0	2
19		2	1	0	1	2	0	0	2	2	0	0	5	1	1	0	3	0	3	4	5	2	3	2	0	2
20		1	2	2	0	2	2	4	4	2	0	....	2	2	1	2	3	5	4	4	4	2	4	4	4	3
21		2	3	3	0	2	2	3	5	4	4	4	1	2	0	1	2	1	2	2	3	2	2	3	2	2
22		2	0	0	1	0	4	4	8	0	3	2	2	2	....	0	5	2	0	2	3	2	5	3	2	2
23		4	1	4	0	2	4	4	5	2	4	2	3	2	3	2	2	0	0	1	6	0	4	3	2	3
24		0	3	3	0	4	4	2	5	-	4	6	5	3	3	4	5	4	4	3	3	3	3	3	4	3
25		4	3	3	2	2	2	2	2	2	2	2	2	1	2	0	0	2	0	0	0	0	0	0	0	1
26		0	0	2	0	2	0	2	0	2	0	2	0	3	0	0	3	0	-	0	2	0	3	0	0	1
27		3	0	-	0	2	0	3	0	4	0	2	2	3	5	4	5	4	4	4	3	3	4	6	5	3
28		4	4	6	3	4	4	6	3	2	2	1	2	3	0	1	0	0	0	2	2	2	3	3	4	3
29		1	1	3	0	3	0	5	2	6	2	3	0	0	2	2	2	3	2	2	2	2	3	7	9	3
30		3	5	2	4	2	5	8	12	12	6	5	5	2	3	4	4	6	5	3	3	3	2	3	3	5
31		3	3	3	3	6	3	6	4	7	4	8	7	5	5	3	2	3	2	3	2	1	2	2	3	4
MEAN		3	3	2	2	3	3	5	5	4	3	3	3	3	3	2	3	2	3	3	3	3	4	3	3	3.1

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 CGHS/1000 FT										
STATION - SW NO 15001															MONTH - NOV 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	0	0	0	0	4	1	0	0	1	1	0	2	2	2	1	2	3	3	3	6	3	2
2	1	0	1	2	4	0	0	0	0	2	1	2	2	2	0	0	2	2	4	5	9	8	6	5	2
3	4	3	2	2	4	4	6	6	7	9	9	6	5	6	7	6	6	6	6	5	5	5	4	3	5
4	3	3	3	0	2	3	0	2	3	4	5	8	5	4	4	4	8	3	2	3	2	2	2	0	3
5	0	0	0	0	0	0	0	2	2	2	2	4	0	0	1	2	2	2	2	3	5	6	9	7	2
6	6	6	0	4	5	5	5	3	7	7	4	5	4	4	5	6	6	7	5	6	3	3	3	3	5
7	5	3	3	3	3	4	5	10	8	7	4	5	4	5	4	7	9	10	10	8	8	6	3	1	0
8	0	0	0	0	0	0	0	3	0	0	1	2	3	3	0	0	3	2	0	0	0	1	2	2	1
9	3	4	5	6	6	6	6	5	6	-	4	3	3	3	2	2	2	2	2	2	0	0	0	0	3
10	0	0	0	0	0	0	0	2	4	5	5	0	0	0	3	3	2	3	3	0	2	2	3	0	2
11	1	1	0	0	0	0	1	2	2	0	2	2	2	0	2	0	1	3	0	0	2	2	0	2	1
12	2	0	0	0	0	0	2	2	4	0	2	3	5	0	2	3	2	0	2	3	4	6	5	2	1
13	5	*****	*****	5	11	6	6	9	8	6	7	6	7	7	9	8	9	9	13	11	11	12	9	10	8
14	9	7	6	5	3	1	1	5	2	0	1	1	0	1	2	3	1	2	0	0	0	0	3	0	2
15	2	3	0	2	0	0	3	4	1	4	2	2	2	2	2	2	2	1	2	2	0	0	2	3	2
16	2	0	0	0	0	3	1	2	2	3	0	2	0	1	0	0	0	3	0	8	7	5	6	7	2
17	8	6	5	3	3	3	3	5	4	2	-	1	3	13	6	3	3	13	8	6	***	2	2	0	3
18	***	7	3	3	2	4	3	3	3	7	0	0	0	0	4	2	2	3	4	2	2	2	2	0	3
19	0	1	2	0	0	1	3	5	6	5	3	0	4	5	4	0	5	5	5	5	6	14	0	4	3
20	3	8	6	6	6	9	6	9	11	7	9	5	4	6	1	5	7	8	7	5	7	0	3	1	6
21	6	4	3	3	4	4	5	5	6	6	6	4	5	4	0	0	0	3	3	0	2	2	3	2	3
22	0	8	0	0	3	3	7	5	6	5	3	4	5	4	3	3	6	3	8	0	5	5	8	8	4
23	4	6	8	8	5	6	7	3	5	6	5	8	4	5	6	8	6	9	3	7	8	2	3	3	6
24	3	2	5	8	3	6	3	5	6	4	4	4	3	2	4	0	3	0	2	2	0	3	3	3	3
25	0	0	0	0	0	1	2	2	2	2	2	2	0	12	0	2	1	3	4	3	6	6	4	2	2
26	4	4	3	2	3	4	8	11	13	8	6	1	1	5	0	2	6	3	8	9	9	8	10	9	6
27	-	3	3	2	3	3	4	5	3	3	5	11	18	5	3	2	3	3	3	3	3	3	5	3	4
28	3	4	3	5	5	0	4	5	8	6	6	3	3	***	8	2	9	7	0	5	5	5	0	1	4
29	4	3	2	6	2	0	0	4	10	0	0	5	5	0	1	4	10	0	2	3	4	6	0	2	3
30	3	3	4	3	0	0	2	2	3	3	4	0	4	2	2	4	0	6	1	7	6	0	5	0	3
MEAN	3	3	2	3	3	3	3	4	5	4	4	3	4	3	3	3	4	4	3	4	4	4	4	3	3.4

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 CGHS/1000 FT										
STATION - SW NO 15001															MONTH - DEC 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	5	0	4	3	0	8	8	5	9	****	6	6	6	4	13	5	6	6	10	0	7	3	5	5
2	5	6	5	7	4	0	7	4	7	2	4	5	4	3	6	0	1	4	11	10	3	0	1	3	4
3	3	2	2	3	3	3	6	4	3	2	5	0	0	3	4	3	2	2	12	****	0	0	0	3	3
4	5	2	1	1	0	3	2	7	3	3	4	****	****	5	2	1	3	2	2	2	4	-	1	0	3
5	7	9	6	9	1	3	4	2	2	2	3	2	4	****	0	5	9	2	3	3	4	2	4	11	4
6	4	4	2	2	2	1	3	4	3	3	1	12	0	2	0	2	7	5	6	7	7	3	0	4	7
7	9	9	12	0	9	5	0	7	8	11	7	11	9	13	9	7	6	6	6	5	4	3	2	3	7
8	3	4	4	5	2	4	5	4	5	4	4	4	4	1	3	0	0	0	0	2	0	0	5	0	3
9	3	4	0	0	2	4	2	0	5	4	4	5	6	0	2	3	5	9	0	4	-	-	6	0	3
10	2	4	4	0	0	2	4	5	4	0	0	5	6	3	0	2	6	5	0	****	4	8	5	4	3
11	2	7	****	0	0	0	3	2	3	0	5	3	11	0	0	0	5	0	0	0	-	-	-	3	2
12	4	5	5	5	6	5	6	7	8	9	7	8	9	1	0	****	7	5	3	10	12	****	0	7	6
13	0	3	2	6	9	****	3	8	0	****	2	3	4	5	****	2	3	3	5	5	6	6	9	5	4
14	0	0	3	0	3	0	2	3	4	4	5	7	3	0	0	0	0	0	7	7	7	5	2	3	3
15	7	7	4	7	6	5	8	15	22	29	19	****	5	5	****	****	4	0	2	2	2	4	4	5	2
16	6	1	0	2	2	2	0	0	0	0	0	0	4	3	3	3	4	3	3	2	4	4	5	2	2
17	3	2	8	2	0	0	0	10	10	11	7	4	3	3	3	6	4	4	3	6	4	9	4	3	5
18	****	****	****	0	0	4	5	5	4	5	0	****	3	3	5	0	0	3	3	5	4	2	3	0	3
19	2	3	2	2	3	3	2	3	0	0	4	2	0	3	5	4	2	3	7	3	3	5	0	4	3
20	0	8	****	9	0	6	0	2	0	3	7	4	2	2	2	14	****	2	5	6	11	6	0	0	4
21	0	3	0	****	0	6	4	5	4	4	4	****	0	****	2	0	0	0	2	5	7	6	19	10	4
22	8	****	12	****	3	11	17	16	****	8	9	7	7	0	7	12	3	5	6	6	6	13	6	9	8
23	9	9	9	9	7	8	7	13	9	****	10	8	3	8	2	8	10	9	11	6	0	2	6	7	7
24	8	9	8	9	9	9	9	8	0	0	0	0	0	0	0	0	1	3	5	7	10	3	0	4	7
25	0	3	0	2	****	9	6	3	5	****	0	0	2	2	2	0	4	2	2	3	3	11	6	2	3
26	****	3	8	9	6	0	0	0	0	0	0	0	0	3	3	4	8	13	8	6	6	6	10	10	4
27	10	11	11	15	12	9	13	7	17	14	6	6	5	4	4	4	9	8	7	10	8	7	5	7	9
28	10	11	16	7	5	4	0	7	12	****	9	8	9	10	9	10	8	8	9	5	3	3	11	8	8
29	6	8	14	3	4	4	3	9	10	10	10	7	10	****	9	0	4	6	7	2	****	2	0	0	6
30	0	2	3	3	2	4	3	7	3	1	1	0	3	2	3	0	3	2	3	5	2	7	7	15	3
31	0	0	0	0	7	4	0	2	0	5	3	0	0	3	****	7	9	4	0	8	****	0	****	-	3
MEAN	4	5	5	4	4	4	4	6	5	5	5	4	4	4	3	4	4	4	5	5	4	5	4	5	4.4

PERCENTAGE OF DATA VALID - 94.2

PERCENTAGE OF DATA INVALID - 4.8

PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.0	5	14
FEB	29	3.3	8	19
MAR	30	3.3	5	21
APR	30	3.0	7	18
MAY	31	3.3	9	24
JUN	30	3.2	8	17
JUL	30	3.1	7	15
AUG	31	3.0	6	12
SEP	30	3.7	8	27
OCT	31	3.1	8	30
NOV	30	3.4	8	18
DEC	31	4.4	9	29
YEAR	364	3.3	9	30

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	579	142	6	0	0	0	0	727
FEB	501	148	27	2	0	0	0	678
MAR	485	196	7	0	1	0	0	689
APR	538	126	17	3	0	0	0	684
MAY	535	176	10	3	1	0	0	725
JUN	511	154	17	1	0	0	0	683
JUL	577	130	9	1	0	0	0	717
AUG	565	159	5	0	0	0	0	729
SEP	482	209	14	2	1	0	0	708
OCT	568	149	14	1	1	0	0	733
NOV	484	214	13	1	0	0	0	712
DEC	410	249	34	6	2	0	0	701
YEAR	6235	2052	173	20	6	0	0	8486

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.6	0	0.0	1.2	2.4	3.7	6.5	8.2	10.5	12.2	30	3.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COHS/1000 FT													
STATION - WC NO 22071												MONTH - JAN 80													
EXPERIMENTAL FARM SIMCOE																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	2	0
2	0	1	2	2	4	5	5	6	6	4	3	0	2	2	3	3	4	3	1	2	0	0	0	0	2
3	0	0	0	0	0	0	0	0	1	2	0	0	0	0	1	1	0	0	2	1	2	0	4	4	1
4	5	4	3	3	2	3	3	3	4	2	2	0	2	1	2	1	0	0	1	1	0	1	1	2	2
5	1	2	0	0	0	2	1	0	2	2	3	2	1	0	2	0	0	0	2	2	1	1	2	2	1
6	3	3	2	2	2	3	3	3	3	2	2	1	0	0	1	2	3	0	3	5	6	5	5	3	3
7	3	3	3	3	3	3	2	0	0	0	0	1	0	0	2	0	1	0	1	2	2	2	2	4	2
8	2	0	0	1	2	0	1	1	1	0	0	1	0	0	2	2	3	3	2	3	2	2	1	2	1
9	2	1	1	2	1	0	2	2	2	2	0	0	0	1	0	0	2	0	2	2	2	2	3	18	2
10	6	4	5	4	4	4	3	2	1	2	1	2	1	2	2	2	2	2	0	2	2	3	5	4	3
11	3	3	3	3	3	3	2	2	2	0	1	1	2	1	2	0	0	0	0	0	2	2	2	2	2
12	3	2	2	2	3	2	3	2	2	2	3	2	1	0	2	0	0	0	1	2	3	2	1	0	2
13	2	2	0	0	1	1	2	2	1	2	2	1	0	0	2	2	2	2	2	2	2	2	2	2	2
14	2	2	2	3	3	4	4	4	4	4	5	3	2	2	3	3	3	3	3	3	3	3	3	3	3
15	3	3	1	2	1	2	2	3	4	4	3	0	2	2	0	2	3	2	2	0	2	2	2	2	2
16	2	2	2	2	2	3	2	3	2	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3	2
17	3	3	3	3	2	2	3	2	3	3	3	3	3	3	3	3	3	2	2	0	0	0	0	0	0
18	0	0	1	0	1	2	2	2	2	2	1	2	2	2	2	2	2	1	0	0	1	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	1	0	0	0	0	0
20	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	****	0	0	0	0	0	1	0	1	2	3	5	4	3	2	1	2	2	4	3	3	3	2	2	2
22	2	1	1	0	0	0	2	3	2	2	2	***	2	2	2	1	2	1	1	2	1	0	1	0	1
23	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	0	0
25	2	2	2	2	0	2	0	2	2	***	3	2	2	2	2	2	3	2	2	3	3	3	2	2	2
26	2	3	3	3	3	2	1	2	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
27	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	2	2	2	2	3	2	2	2	2	1
28	1	0	2	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2	0	2	1	1	2	4	1
29	2	0	0	1	2	3	2	3	3	0	2	2	1	0	1	0	1	2	1	0	2	1	2	0	1
30	2	1	2	2	0	0	2	1	0	0	0	0	0	0	0	0	2	2	0	-	1	2	1	0	1
31	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	1.4

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COHS/1000 FT													
STATION - WC NO 22071												MONTH - FEB 80													
EXPERIMENTAL FARM SIMCOE																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
5	0	1	0	1	0	1	2	2	2	1	2	1	0	0	0	3	-	-	1	2	2	1	2	3	1
6	6	7	8	7	7	6	7	9	3	2	1	2	2	0	0	0	2	2	2	2	0	0	2	2	3
7	5	5	2	2	0	0	2	2	2	2	2	2	1	1	0	0	0	0	0	0	3	3	0	0	1
8	1	1	2	2	0	0	2	2	1	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1
9	2	1	2	2	2	0	0	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	1	2	0
11	2	4	3	3	5	3	4	3	3	3	2	0	0	0	0	2	2	2	0	2	2	2	1	0	2
12	0	1	1	0	0	0	2	2	2	2	1	2	1	2	2	2	2	2	3	3	3	3	3	2	2
13	2	2	2	2	2	3	3	4	6	4	2	1	2	3	3	3	4	3	4	4	4	3	3	2	3
14	3	3	3	3	4	4	5	4	5	4	4	3	2	1	1	0	0	2	0	0	1	2	1	2	2
15	2	2	1	0	2	2	2	1	1	1	0	0	0	1	1	0	2	2	2	2	3	2	1	0	1
16	0	1	1	1	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
17	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	0	0	1	2	1
18	2	2	3	3	2	2	3	3	3	2	2	2	1	2	0	2	2	2	2	3	3	3	3	3	2
19	3	3	3	3	3	3	4	4	3	4	4	3	4	4	4	3	3	4	6	6	5	5	6	6	4
20	5	4	7	4	4	4	4	5	5	6	5	6	6	4	3	4	4	4	3	4	4	3	4	4	4
21	4	4	6	6	5	5	6	5	3	4	3	3	3	4	4	4	5	4	4	3	4	5	3	2	4
22	2	1	0	1	1	0	2	1	1	2	2	2	5	3	3	0	2	2	2	1	0	0	0	0	1
23	0	1	0	1	2	1	1	1	2	2	1	0	1	0	0	2	0	1	2	2	2	2	2	1	1
24	2	2	2	2	2	2	3	2	1	0	0	1	0	0	0	0	1	1	0	0	2	0	0	1	1
25	2	2	2	0	2	0	0	1	0	0	2	0	0	0	3	2	2	2	0	1	0	0	0	1	1
26	0	0	0	2	0	0	2	1	1	1	1	2	0	1	2	1	0	1	2	2	1	1	1	2	1
27	1	2	2	2	1	0	2	2	2	2	***	2	0	1	1	1	2	1	0	0	0	0	0	1	1
28	0	0	0	0	0	0	2	3	6	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	1
29	1	1	1	0	2	0	1	2	1	2	2	0	2	0	0	0	1	1	0	0	0	***	0	0	1
MEAN	2	2	2	2	2	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.4

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COHS/1000 FT													
STATION - WC NO 22071						EXPERIMENTAL FARM SIMCOE						MONTH - MAR 80													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	0	2	2	2	2	2	3	2	2	0	1	0	0	0	0	0	0	2	0	0	0	2	2	
2	2	2	2	2	2	2	2	2	1	0	0	0	2	0	0	0	0	0	1	3	6	3	3	2	2
3	1	3	2	2	4	4	3	4	3	3	2	2	2	1	1	2	2	2	2	2	3	3	3	2	2
4	2	2	3	3	3	3	4	4	3	5	2	3	3	3	2	4	3	3	4	3	3	3	2	3	2
5	3	3	4	4	4	4	4	4	4	5	4	4	4	3	3	0	0	0	0	0	0	0	0	0	2
6	0	0	0	0	0	0	2	2	2	0	2	0	0	0	0	1	2	3	3	3	3	3	2	2	1
7	2	2	2	1	2	3	3	4	5	2	2	2	2	0	3	2	3	2	3	3	3	2	3	5	3
8	4	4	3	3	3	4	3	4	3	5	3	3	4	3	3	3	3	2	2	3	2	2	2	3	3
9	3	3	3	2	3	3	3	3	3	5	4	3	3	2	2	3	3	3	3	3	3	3	3	2	3
10	2	3	3	3	3	2	3	3	3	3	3	4	3	3	4	3	2	2	3	2	0	0	0	0	2
11	0	0	0	0	0	0	0	0	1	0	0	0	0	2	2	1	1	1	1	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3	2	0
13	2	0	2	1	0	2	0	1	2	0	0	0	2	1	2	1	2	2	2	1	2	2	2	2	1
14	2	2	2	2	3	3	2	2	1	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
16	0	2	2	3	5	5	3	2	1	1	0	1	1	2	2	2	2	2	3	3	3	3	3	2	2
17	3	3	2	3	3	4	4	4	4	3	3	4	3	3	2	2	2	2	2	2	0	0	0	0	2
18	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	2	2	2	2	1	2	1
19	3	0	2	2	3	2	4	4	3	4	0	3	3	3	2	3	4	4	5	4	4	4	3	4	3
20	6	5	5	4	4	6	6	6	5	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	2	0	1	0	0	0
23	0	0	0	1	2	1	0	0	0	2	0	0	0	0	0	1	0	0	2	0	3	1	0	2	1
24	2	3	3	2	3	3	2	3	2	3	3	3	4	3	4	3	3	3	2	2	4	3	3	4	3
25	4	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2	2	1	2	2	2	2	2	2	3	1
27	2	2	2	2	2	3	3	3	2	0	2	0	1	0	0	1	1	0	3	3	3	3	2	2	2
28	2	2	1	3	4	4	3	4	4	4	3	0	3	2	2	4	2	2	2	3	2	2	2	2	3
29	3	3	4	5	6	5	7	7	5	3	2	2	2	3	3	2	2	3	3	3	4	4	2	2	4
30	3	3	3	2	3	3	1	2	2	1	0	1	0	0	2	0	0	0	0	0	1	0	0	0	1
31	0	0	1	2	2	2	2	2	2	2	1	2	2	2	1	2	2	2	3	2	3	2	2	2	2
MEAN	2	2	2	2	2	2	2	3	2	2	2	1	2	1	1	1	2	1	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 96.6

PERCENTAGE OF DATA INVALID - 3.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COHS/1000 FT													
STATION - WC NO 22071						EXPERIMENTAL FARM SIMCOE						MONTH - APR 80													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	2	2	0	2	2	2	2	1	0	2	1	2	2	2	3	3	3	3	2	3	3	3	2
2	3	3	3	3	0	2	4	5	3	4	4	4	3	2	3	2	2	2	2	2	3	4	3	3	3
3	2	0	2	2	3	7	5	3	3	1	0	0	0	1	2	2	1	2	2	0	1	0	1	2	0
4	2	2	2	0	2	2	2	3	3	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	0	0
6	2	2	2	2	2	2	2	0	0	0	0	0	0	1	2	3	3	2	2	0	2	1	2	3	0
7	3	3	3	2	2	2	3	3	3	3	4	3	3	3	3	5	3	4	3	2	2	3	3	2	3
8	3	2	2	2	2	2	2	1	2	2	2	2	2	3	3	2	2	1	2	0	2	0	0	2	0
9	0	0	0	2	2	2	2	2	3	3	2	2	1	0	4	2	1	0	2	4	2	2	0	0	0
10	0	0	0	0	0	0	0	0	0	2	2	0	1	0	0	2	2	0	2	2	2	1	2	2	2
11	2	2	4	2	3	2	2	2	3	3	4	1	2	0	1	2	2	2	5	3	3	3	3	2	0
12	2	3	3	2	2	4	5	6	3	3	4	4	3	2	2	2	2	2	0	1	0	0	0	2	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
14	1	2	1	1	0	0	0	1	2	1	0	0	2	1	1	0	0	1	0	1	2	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0
16	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
17	0	1	0	0	2	1	2	3	0	1	0	0	1	0	0	2	2	3	2	3	3	2	2	3	0
18	2	2	3	2	2	3	3	3	5	4	4	3	4	4	5	5	5	6	5	5	2	2	3	2	2
19	3	3	4	4	4	4	5	4	5	4	3	4	4	4	4	5	5	4	3	5	5	4	4	3	0
20	4	5	3	3	3	3	3	3	3	3	3	2	2	2	2	2	0	1	1	5	2	1	2	1	0
21	2	1	0	0	0	0	0	0	0	0	0	2	1	0	0	2	0	0	0	0	3	0	0	2	0
22	3	3	3	3	3	2	2	3	2	2	2	2	2	2	1	6	2	2	0	0	2	0	0	2	0
23	0	0	0	2	2	1	1	0	0	0	3	2	2	2	1	0	0	0	0	1	0	0	0	0	0
24	0	0	0	0	1	2	1	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0
25	1	0	1	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	1	2	3	4	3	3	0
26	3	3	3	3	3	3	4	3	2	2	2	2	2	3	3	2	3	2	2	3	4	4	3	2	3
27	2	2	5	4	6	6	7	5	3	2	1	0	0	1	2	1	2	2	3	1	2	1	1	2	0
28	2	2	2	2	2	2	2	3	3	5	3	3	3	2	1	1	0	1	0	2	2	0	2	2	0
29	2	1	0	2	3	3	4	3	3	0	0	0	0	0	0	0	0	0	0	2	2	3	4	2	0
30	1	2	1	2	2	2	2	3	3	2	3	2	0	3	3	2	2	2	3	0	7	3	4	3	0
MEAN	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	1	1	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 96.8

PERCENTAGE OF DATA INVALID - 2.1

PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COMS/1000 FT													
STATION - MC NO 22071												MONTH - MAY 80													
EXPERIMENTAL FARM SIMCOE																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	2	3	3	3	***	2	2	2	2	1	2	***	-	2	0	3	2	2	1	0	0	2
2	0	0	0	1	1	1	2	3	3	3	2	2	0	1	2	1	0	1	0	1	2	2	3	3	1
3	2	2	0	0	2	2	2	0	0	1	1	1	2	2	2	8	4	2	0	0	1	***	2	1	2
4	0	2	2	2	2	2	1	2	2	0	0	1	2	2	2	2	1	2	0	2	2	4	2	2	2
5	3	2	3	3	3	3	3	4	3	4	5	4	4	0	3	3	2	2	2	2	3	2	2	2	3
6	1	1	0	0	0	0	1	0	2	0	0	0	0	2	1	0	0	0	0	1	1	1	0	2	1
7	0	2	2	2	3	2	0	1	2	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	3	0	0	0	0	0	0	2	0	2	1	0	0	0	0	0	0	1	0
9	1	0	2	0	0	3	2	0	***	0	1	0	0	2	0	2	0	0	1	1	1	3	3	2	1
10	2	2	3	3	2	2	2	0	1	1	3	3	3	3	2	3	3	2	2	2	3	2	3	2	2
11	1	2	2	2	2	2	2	3	3	4	3	3	3	3	2	2	2	0	0	1	0	1	0	0	2
12	1	0	1	2	2	1	3	1	1	2	3	3	4	3	2	3	3	2	1	3	2	4	4	4	2
13	3	3	3	2	1	0	0	0	1	0	***	2	3	0	0	2	0	1	0	0	3	2	2	0	1
14	2	1	1	3	2	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0	-	1
15	1	0	1	0	2	2	2	1	0	0	0	0	1	2	2	0	2	0	1	2	1	2	3	5	1
16	1	1	2	2	2	2	2	2	1	0	1	1	0	1	0	0	0	0	1	2	2	2	2	1	2
17	2	2	2	3	2	2	2	3	2	2	2	2	2	2	3	3	2	2	3	2	2	0	0	0	1
18	2	2	2	0	1	2	1	0	0	0	2	0	0	0	-	0	0	0	1	0	3	0	0	0	0
19	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	2	2	2	2	0
20	2	3	3	5	7	4	2	3	2	0	1	2	2	2	2	2	0	0	1	1	2	2	3	5	2
21	4	6	7	8	7	8	9	6	4	4	3	4	4	4	4	10	6	5	4	4	5	5	4	4	5
22	4	3	3	3	3	***	6	5	4	5	3	4	3	3	2	3	3	3	3	3	3	3	3	3	4
23	3	3	2	3	3	5	6	5	5	4	5	4	3	3	4	3	3	3	4	7	5	7	6	4	4
24	5	5	5	4	5	5	6	5	5	5	4	4	4	3	6	5	5	5	6	5	5	4	4	4	5
25	3	4	4	3	3	3	3	2	2	2	2	2	2	2	2	2	1	***	0	0	0	0	0	0	2
26	***	***	***	***	***	***	***	0	0	0	0	***	***	2	0	0	0	0	0	0	0	0	0	0	***
27	5	***	0	0	0	0	0	1	0	2	2	1	2	0	1	1	0	0	1	4	2	2	1	3	1
28	4	3	3	3	3	3	3	3	2	3	3	2	***	5	3	3	3	3	3	4	5	6	6	4	4
29	4	4	4	3	2	3	***	3	***	***	4	***	***	6	4	3	3	3	3	***	5	7	8	9	4
30	9	7	5	5	6	7	7	7	7	5	3	3	3	***	***	5	3	3	4	3	2	1	0	0	4
31	0	2	2	1	1	2	3	3	3	2	2	2	2	3	0	0	0	0	1	0	0	0	0	0	1
MEAN	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 95.7

PERCENTAGE OF DATA INVALID - 3.9

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COMS/1000 FT													
STATION - MC NO 22071												MONTH - JUN 80													
EXPERIMENTAL FARM SIMCOE																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	1	0	0	1	0
2	1	0	0	0	0	0	1	2	***	2	0	3	2	***	***	1	2	2	1	0	0	1	3	1	1
3	1	2	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3	0	0	0
5	0	1	0	***	0	***	***	2	***	***	***	3	1	1	1	0	***	0	0	0	1	3	3	3	1
6	3	3	2	3	3	3	4	4	4	***	3	3	4	3	3	4	3	3	3	0	0	1	2	2	3
7	2	2	1	1	2	1	***	0	2	3	3	2	3	2	3	2	2	2	0	0	0	2	0	0	0
8	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	2	0	0	0	***	1	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	***	0	0	***	***	***	0	0	0	0	0	0	***	0	0	0
11	0	0	0	0	0	2	0	***	***	***	***	0	0	0	0	0	0	0	***	***	1	2	2	2	1
12	2	2	2	2	3	2	3	***	***	***	***	3	3	3	3	3	2	2	2	3	-	-	-	1	2
13	4	-	-	0	2	2	3	4	4	-	-	5	3	3	5	3	4	***	***	6	4	4	5	7	4
14	5	5	5	6	***	***	***	***	***	***	4	4	5	6	8	5	5	5	6	4	4	4	5	4	5
15	4	4	4	4	3	3	4	3	4	4	4	5	5	6	2	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	1	0	0	0	2	1
17	1	0	0	0	0	2	6	4	2	2	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0
18	2	1	3	4	3	3	3	3	3	***	***	3	3	3	3	4	4	4	4	4	5	5	3	3	3
19	5	7	6	4	4	5	4	4	4	5	5	4	4	4	4	4	3	3	2	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	2	2	2	2	0	0	0	1	2	1	2	2	2	3	2	0	1
22	2	1	2	2	2	0	1	5	3	2	2	2	2	2	2	2	1	2	2	2	3	3	3	5	3
23	3	3	3	4	3	4	4	4	3	3	3	2	2	1	2	2	2	3	5	6	5	6	4	4	3
24	3	4	4	3	4	4	5	5	5	***	5	4	4	4	4	3	-	5	4	4	3	4	5	5	4
25	4	4	4	4	4	4	4	4	2	3	3	3	2	2	2	0	2	6	4	4	4	3	3	3	3
26	2	2	3	3	3	3	4	3	2	2	2	2	2	2	3	2	3	3	3	3	3	4	3	3	3
27	4	3	3	5	5	6	6	4	3	4	3	3	2	2	2	4	4	4	5	5	4	3	2	2	4
28	2	2	2	0	0	0	0	1	2	3	2	0	2	2	0	0	0	0	0	3	5	0	0	0	1
29	0	0	1	0	***	***	***	1	1	2	2	1	1	0	0	1	0	0	3	3	2	2	0	0	0
30	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 92.9

PERCENTAGE OF DATA INVALID - 6.0

PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - WC NO 22071						EXPERIMENTAL FARM SIMCOE								MONTH - JUL 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	0	0	0	2	2	0	0	0	0	2	0	0	0	0	2	3	3	3	3	3	3	3	1
2	2	3	2	2	3	3	2	3	1	0	2	1	0	0	0	0	0	0	2	1	3	2	2	0	2
3	2	2	2	3	2	2	1	2	2	3	2	3	2	2	2	2	0	0	0	2	2	2	0	0	2
4	1	0	1	1	1	1	2	4	0	2	2	2	2	1	2	2	1	2	3	3	3	3	4	4	2
5	4	3	3	2	3	3	3	3	4	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	2	2	0	1	0	0	1	1	0	0	1	2	2	0	2	2	3	1
8	2	0	2	2	1	0	0	2	2	2	2	2	0	0	0	2	2	2	1	0	0	0	0	0	1
9	0	0	1	1	0	2	2	2	1	2	5	2	1	1	4	3	2	1	2	4	3	3	2	2	2
10	2	3	4	3	2	2	3	4	2	3	2	3	3	2	2	2	2	2	3	4	4	3	3	2	3
11	2	3	2	2	3	3	4	5	3	3	3	3	2	2	2	3	5	3	3	3	3	1	1	2	3
12	2	2	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	0	0	0	0	1	1	0
13	2	2	2	2	2	2	1	3	3	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1
14	0	0	0	0	0	0	2	4	2	1	1	0	0	1	0	0	0	0	0	4	6	5	3	3	1
15	4	3	3	3	3	3	3	3	2	3	3	3	3	3	2	3	3	2	3	3	4	3	3	3	2
16	3	2	2	2	2	2	3	4	0	2	3	2	1	1	0	0	0	0	1	0	2	3	0	1	2
17	1	1	2	2	2	2	2	3	0	2	0	0	0	0	2	0	0	0	1	0	0	1	2	2	1
18	2	2	3	2	2	1	1	2	5	2	3	0	0	0	0	0	0	0	0	1	0	2	2	2	1
19	2	3	1	2	2	0	2	2	0	2	3	2	2	2	2	3	3	2	3	2	3	3	2	2	2
20	2	2	2	1	2	2	2	4	3	2	2	2	1	0	2	2	2	3	1	2	2	3	4	2	2
21	4	3	2	2	2	2	0	2	2	0	0	0	2	0	0	0	2	3	2	2	3	3	2	1	2
22	2	1	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
23	0	0	1	1	0	0	2	2	0	0	5	5	2	2	2	2	2	0	0	0	0	0	0	0	1
24	0	1	0	1	1	1	2	2	0	2	4	0	2	1	0	0	0	0	0	2	2	0	0	2	1
25	0	0	0	0	0	1	4	1	2	2	2	2	1	2	2	2	1	1	2	3	3	2	1	2	2
26	2	2	2	0	2	2	2	3	3	2	4	4	3	2	2	2	0	0	2	2	1	2	2	2	2
27	1	10	4	3	3	4	5	4	4	4	4	3	2	3	2	3	4	3	3	2	0	1	0	3	
28	0	0	0	0	0	0	0	2	1	2	2	1	0	2	2	2	0	1	2	2	2	2	2	0	1
29	0	0	0	0	0	0	0	3	2	4	0	1	2	0	0	2	2	2	2	3	3	4	3	3	2
30	9	3	3	3	3	3	3	3	1	2	2	0	3	2	0	0	2	0	2	1	0	2	0	1	2
31	2	1	2	3	1	17	5	3	2	0	3	2	2	2	1	2	2	2	2	2	2	2	2	2	2
MEAN	2	2	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	1	2	1.6

PERCENTAGE OF DATA VALID - 97.0

PERCENTAGE OF DATA INVALID - 2.3

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - WC NO 22071														EXPERIMENTAL FARM SIMCOE											
														MONTH - AUG 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	9	5	5	4	3	4	5	2	2	5	2	2	3	3	4	4	4	4	4	4	4	4	4
2	1	2	2	2	3	2	2	2	2	3	3	3	0	0	1	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	1	1	0	1	1	1	1	1	1
4	2	2	2	2	2	1	2	0	2	0	0	2	2	0	0	0	1	2	3	3	1	1	1	1	1
5	2	3	3	3	3	3	4	3	2	2	3	3	2	2	0	0	2	3	2	0	2	0	0	2	2
6	7	2	2	0	2	4	3	3	3	2	3	2	2	0	2	2	3	3	3	2	2	0	0	2	2
7	2	5	2	3	3	4	5	4	1	0	0	0	1	3	2	2	2	3	3	3	3	3	6	3	3
8	2	2	2	3	4	3	5	3	2	3	3	3	4	3	3	3	3	3	4	4	4	8	4	4	3
9	2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	2	0	0
10	2	0	1	1	2	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	1	1	0	1	1	2	1	1	1	2	1	2	0	0	0	0	0	0	0	0	4	5	1
12	0	0	0	0	0	0	1	1	0	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
13	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	3	1
14	1	2	3	3	3	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	2	2	1	2	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	1	2	1	2	1	2	0	2	2	6	4	3	2	0	0	2	3	3	3	2	2	2
19	1	2	2	3	4	3	3	3	3	3	2	0	1	0	0	2	3	3	2	2	2	2	1	1	2
20	2	2	3	2	3	5	3	3	4	3	3	2	2	2	1	1	2	4	3	3	2	3	2	1	2
21	2	2	3	3	2	2	3	3	4	4	4	3	2	3	2	3	2	3	5	5	5	4	1	3	3
22	4	3	3	3	3	3	4	3	4	3	3	3	3	3	3	3	3	3	3	4	3	4	3	3	3
23	4	4	3	3	4	4	3	2	3	1	2	2	3	3	1	2	2	2	2	3	3	2	2	2	3
24	2	3	3	3	3	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	1	1	4	2	2	2	2	4	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0
26	1	0	1	17	4	3	4	2	2	2	3	4	3	2	2	2	3	3	4	5	5	4	4	3	4
27	7	3	2	3	5	5	4	5	4	3	3	2	3	2	2	2	3	3	4	5	5	3	4	4	4
28	3	4	4	6	4	3	0	0	2	0	0	2	2	2	0	0	2	0	0	1	2	0	0	2	2
29	1	0	2	2	2	3	3	4	4	5	5	5	4	3	3	2	5	6	6	6	5	4	4	3	3
30	2	3	3	2	3	3	4	6	1	2	0	2	2	2	0	3	2	4	5	4	4	4	3	2	2
31	4	3	3	2	2	2	2	2	1	0	2	2	2	1	0	2	0	2	3	3	3	2	2	0	2
MEAN	2	2	2	3	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 22071

EXPERIMENTAL FARM SIMCOE

MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	2	2	0	2	2	2	2	3	2	1	0	0	0	1
2	0	1	0	0	0	0	2	3	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	2	2	1	2	2	2	4	4	2	0	0	5	0	0	0	0	0	1	0	3	3	2	2	2	2
6	2	2	0	2	1	6	3	3	4	4	3	3	2	1	0	0	0	1	0	0	0	0	0	0	2
7	0	1	0	0	0	0	2	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
8	0	2	2	2	2	2	2	2	2	2	2	2	1	1	2	1	1	2	3	2	3	3	0	3	2
9	2	2	1	2	3	2	4	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
10	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	2	0	2	1	1	0	0	0
11	0	0	0	2	2	2	2	1	2	2	0	2	2	2	3	3	3	2	3	3	3	4	3	3	2
12	4	3	3	3	3	3	3	3	2	1	2	2	2	2	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	1	0	0	0	1	2	2	1	2	2	3	2	3	4	4	0	0	0	1
14	1	2	2	3	0	0	0	0	0	2	2	0	2	0	2	1	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	2
16	1	0	0	0	1	2	2	1	2	1	2	2	2	2	3	3	4	3	3	2	2	3	2	2	1
17	2	3	2	3	0	2	3	3	2	2	.....	.....	.....	.....	1	0	0	0	0	1	2	1	0	0	0
18	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	2	1	0
19	1	0	1	0	2	3	2	2	2	2	1	2	2	2	2	3	2	2	2	2	2	3	3	2	2
20	3	3	4	4	4	5	4	4	3	3	2	3	2	2	2	3	3	3	3	3	4	4	4	3	3
21	3	3	2	3	3	3	2	2	1	1	1	1	0	0	0	1	2	2	3	3	3	3	3	1	2
22	0	0	0	0	0	2	0	2	0	0	1	1	1	2	0	0	0	1	1	2	2	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0
24	0	0	0	0	0	0	0	3	3	1	.....	.....	.....	.....	0	0	1	0	0	0	0	0	1	1	0
25	0	1	2	2	1	2	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	0	0	0	0	0	0	0	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	1	0
28	1	1	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	1	0
29	4	3	2	3	2	1	1	0	2	2	2	1	2	1	1	1	3	2	2	2	4	3	2	3	2
30	3	3	3	3	3	3	3	3	4	3	3	3	3	2	2	2	2	3	4	4	4	3	3	3	3
MEAN	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1.3

PERCENTAGE OF DATA VALID - 91.8

PERCENTAGE OF DATA INVALID - 7.6

PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 22071

EXPERIMENTAL FARM SIMCOE

MONTH - OCT 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	4	4	5	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	3
2	0	0	0	0	0	1	0	2	0	0	0	2	0	0	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	2	8	4	3	0	1	5	2	0	2	0	2	2	2	2	0	0	0	0	0	0	0	0	0	.....
4	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.....
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	.....
6	0	2	0	0	2	2	2	5	0	0	0	0	0	0	0	1	0	.....	.....	.....	.....	.....	.....	.....	.....
7	1	1	2	1	2	2	2	3	3	2	2	1	2	1	1	1	1	0	1	2	2	2	2	1	2
8	2	3	3	3	3	3	2	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	0	0	0	0	0	0	1	1	3	3	4	3	2	0	2	2	2	3	3	3	6	11	19	22	4
10	7	4	6	8	16	21	18	13	15	9	3	2	2	0	0	0	1	2	5	3	11	15	6	4	7
11	4	3	4	3	3	3	3	2	4	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	2
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.....
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	.....
14	0	0	0	0	1	2	1	2	2	2	1	0	1	0	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	0	0	0	0	0	2	2	2	2	2	2	0	0	1	0	0	2	3	2	2	2	2	2	2	1
16	2	3	2	3	3	4	7	8	6	4	6	4	4	4	4	4	5	4	5	4	4	4	3	3	4
17	3	3	3	3	3	4	5	5	5	4	5	4	4	4	4	3	3	3	3	3	2	2	0	0	3
18	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	2	1	0	0	0	0	.....
19	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	.....
20	0	1	0	1	2	1	2	1	0	0	0	0	0	0	1	1	2	1	3	2	2	2	2	2	1
21	1	1	0	1	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	1	2	2	1	3	3	3	2	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1
23	0	1	1	2	3	3	3	3	2	11	0	0	0	1	0	0	1	0	0	0	0	0	1	2	1
24	2	2	3	2	3	2	2	2	2	2	2	0	1	2	2	1	2	2	2	2	2	2	2	2	2
25	2	2	1	3	0	0	0	0	1	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.....
27	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2	2	2	2	2	2	2	1
28	2	3	2	3	2	2	3	4	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
29	0	0	0	2	1	1	1	0	0	0	0	0	0	1	2	2	1	2	1	0	0	2	2	3	1
30	4	2	2	2	2	1	3	3	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	2	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	2	1	2	.....	3
MEAN	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1.5

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COMS/1000 FT													
STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE												MONTH - NOV 80													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	5	3	2	1	0	1
3	0	0	2	-	1	3	3	2	2	3	3	3	3	3	4	5	6	5	4	3	4	4	5	3	3
4	1	1	0	2	2	2	2	2	2	2	3	2	3	3	3	4	5	3	3	2	1	2	2	1	2
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	4	3	1
6	2	1	1	1	2	2	2	3	2	2	0	0	2	2	3	2	2	-	3	3	3	3	3	3	2
7	3	3	3	5	2	3	3	3	3	4	4	3	4	4	4	5	5	4	4	4	6	5	2	2	4
8	0	0	0	0	0	0	0	0	0	-	2	0	1	0	1	-	1	2	1	2	0	1	1	2	1
9	2	3	3	3	3	4	4	5	4	4	4	4	3	2	1	1	1	2	2	0	0	0	0	0	2
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	2	2	2	4	1
13	4	***	***	***	2	4	4	4	3	3	3	4	3	4	4	6	7	8	9	7	6	9	10	10	5
14	9	9	9	7	6	5	3	2	2	2	2	1	0	0	0	0	1	0	0	0	0	8	0	0	3
15	0	0	1	1	1	0	3	2	0	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0	1
16	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	3	2	1	1	1	1
17	1	2	1	0	0	0	2	0	1	0	-	2	1	2	3	2	2	0	2	2	0	2	10	5	2
18	***	2	2	0	1	0	0	1	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
19	0	0	0	0	0	1	4	2	3	1	2	0	2	1	2	3	3	3	3	4	3	4	4	4	2
20	4	5	5	5	6	6	5	6	7	***	8	5	4	5	4	4	3	4	5	4	4	3	4	4	5
21	4	4	4	4	4	4	4	4	2	3	2	2	2	0	0	0	1	0	0	0	0	0	0	0	2
22	0	0	2	1	3	2	2	3	3	2	0	0	2	3	3	4	3	3	4	4	4	4	4	4	3
23	3	3	4	4	4	4	5	5	6	5	5	4	4	5	5	4	4	5	5	6	5	5	4	4	5
24	4	4	4	3	2	3	3	3	3	3	4	4	4	4	8	3	2	2	0	0	0	0	0	0	3
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	0	0
26	2	1	1	2	2	2	5	4	4	3	2	1	0	0	0	2	2	3	2	2	3	3	3	3	2
27	-	3	3	3	4	3	3	3	2	2	2	3	1	0	2	0	0	0	1	0	0	2	2	1	2
28	1	0	0	2	2	1	1	2	2	2	***	3	2	2	2	3	2	2	2	2	0	2	0	2	2
29	2	2	1	0	1	1	2	3	2	2	2	2	0	2	2	2	2	1	2	0	1	1	0	1	1
30	0	1	2	1	2	2	2	2	1	2	2	0	0	0	2	2	2	1	0	2	1	2	1	1	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE														MONTH - DEC 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	2	2	2	3	3	3	4	----	3	----	----	9	5	6	4	4	3	4	4	4	5	4
2	4	4	4	4	5	5	5	4	4	3	----	4	5	2	2	2	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2	2	3	1	0	2	2	0	1	2	0	----	----	0	0	0	0	1	1	0	0	-	0	0	1
5	2	3	2	1	0	0	0	2	0	0	0	1	0	1	0	2	3	2	0	2	3	2	2	2	1
6	2	0	2	2	2	3	3	2	2	2	3	3	3	4	2	2	3	2	2	2	3	3	4	4	3
7	5	5	5	5	6	5	5	5	6	5	6	6	6	6	3	4	4	4	4	4	4	3	3	2	5
8	3	2	2	2	2	1	3	3	3	3	3	3	4	3	2	0	0	0	0	0	0	0	0	0	2
9	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	2	2	1	-	-	1	0	0
10	2	2	3	1	1	1	0	2	1	1	1	2	1	1	0	2	2	4	2	0	0	2	0	0	1
11	0	0	2	2	2	2	4	2	1	0	0	2	0	2	0	2	2	2	2	2	-	-	-	4	2
12	3	3	2	2	4	3	3	3	4	0	3	3	3	4	3	3	3	3	4	4	6	3	3	3	3
13	3	3	2	2	3	3	0	0	1	1	0	0	0	0	0	0	0	0	1	2	2	2	0	2	1
14	0	2	2	2	2	3	3	2	2	2	2	2	0	0	0	0	0	0	3	0	1	2	2	2	1
15	0	1	0	2	3	2	2	2	5	4	2	2	2	0	----	1	2	2	2	2	2	5	9	10	3
16	9	----	6	4	3	2	2	3	2	3	----	2	2	0	2	2	2	2	1	1	2	0	0	1	2
17	0	2	1	0	1	0	1	2	2	1	2	2	1	0	0	0	0	0	3	3	4	3	3	2	1
18	----	----	2	3	3	3	3	4	4	2	0	0	0	0	0	2	2	3	3	3	3	-	-	-	2
19	2	0	1	0	0	1	1	2	2	0	0	0	-	1	0	0	1	2	2	1	2	2	2	2	1
20	2	2	2	2	2	2	2	2	2	2	2	0	2	0	0	0	0	1	2	2	7	3	2	2	2
21	0	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	3	3	4	3	4	4	4	5	2
22	6	5	3	2	2	3	3	4	6	9	4	4	4	3	2	3	2	2	3	4	6	9	10	4	4
23	11	10	10	8	9	9	8	8	9	7	6	5	6	5	3	5	5	4	3	5	5	5	4	6	6
24	6	6	6	6	6	7	6	7	7	5	2	2	1	0	0	1	0	0	0	0	0	1	1	3	3
25	0	1	2	2	2	2	3	2	4	4	3	2	1	2	2	2	2	2	2	4	3	3	2	2	2
26	3	3	2	2	3	3	4	3	3	3	2	2	3	3	3	3	3	3	2	3	3	2	2	2	3
27	3	4	4	4	5	4	5	5	4	4	5	10	8	4	4	4	3	3	4	4	5	6	7	5	5
28	7	9	7	6	6	6	4	4	4	4	3	3	3	4	4	5	6	6	7	7	9	7	6	4	5
29	5	5	5	3	3	4	4	6	5	6	5	6	6	5	6	7	6	4	4	4	3	3	2	1	5
30	2	0	0	0	0	0	0	1	0	2	2	2	2	2	2	2	2	5	4	4	4	4	5	5	2
31	5	5	6	5	5	4	2	0	2	2	0	2	1	0	2	1	1	1	2	1	2	2	2	-	2
MEAN	3	3	3	3	3	3	3	3	3	3	3	2	3	2	2	2	2	2	2	2	3	3	3	3	2.5

PERCENTAGE OF DATA VALID - 96.8

PERCENTAGE OF DATA INVALID - 1.6

PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.4	3	18
FEB	29	1.4	4	9
MAR	29	1.8	4	7
APR	30	1.7	4	7
MAY	30	2.0	5	10
JUN	30	1.7	5	8
JUL	31	1.6	3	17
AUG	29	2.0	4	17
SEP	27	1.3	3	6
OCT	31	1.5	7	22
NOV	30	1.8	5	10
DEC	31	2.5	6	11
YEAR	358	1.7	7	22

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	723	14	0	1	0	0	0	738
FEB	654	37	0	0	0	0	0	691
MAR	694	25	0	0	0	0	0	719
APR	668	29	0	0	0	0	0	697
MAY	641	71	0	0	0	0	0	712
JUN	619	50	0	0	0	0	0	669
JUL	709	12	0	1	0	0	0	722
AUG	646	36	0	1	0	0	0	683
SEP	655	6	0	0	0	0	0	661
OCT	702	22	6	3	2	0	0	735
NOV	650	59	0	0	0	0	0	709
DEC	608	111	1	0	0	0	0	720
YEAR	7969	472	7	6	2	0	0	8456

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.3	0	0.0	0.0	1.1	2.0	3.4	4.2	5.5	6.5	22	1.7

POLLUTANT - PARTICULATES - SOILING INDEX											UNITS - 0.1 COHS/1000 FT														
STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES											MONTH - JAN 80														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	4	2	2	1	2	1	3	2	0	2	2	2	2	3	3	2	2	3	3	3	0	2
2	0	4	2	0	2	4	4	5	5	8	5	8	9	8	***	6	8	5	5	3	3	1	2	2	4
3	0	0	3	0	3	0	2	3	3	4	5	5	2	0	7	4	2	3	3	3	2	4	3	4	3
4	2	2	1	0	0	2	4	9	13	5	2	0	5	4	3	4	2	3	2	2	0	2	5	3	3
5	2	3	3	3	2	2	3	1	3	1	5	2	2	2	0	***	3	4	9	8	4	7	3	3	3
6	3	3	0	3	3	2	4	3	2	1	0	2	3	3	3	2	2	3	6	2	5	4	3	3	3
7	3	0	3	2	2	2	3	3	1	2	2	4	1	2	2	2	2	3	3	3	5	3	0	2	2
8	2	4	4	3	1	5	3	5	5	3	6	3	5	2	0	5	6	5	5	5	4	4	4	4	4
9	3	3	5	2	3	2	3	3	4	1	0	2	2	0	3	2	3	3	3	5	5	2	3	3	3
10	3	5	3	0	2	3	3	9	13	11	5	5	4	7	7	4	4	5	5	6	7	11	7	4	6
11	4	4	4	2	3	5	3	4	4	3	2	2	1	2	2	2	2	2	0	0	2	2	4	3	3
12	1	2	0	2	2	4	4	2	3	2	2	2	3	3	0	2	2	3	2	3	2	2	0	0	2
13	2	4	4	2	4	2	2	2	0	2	0	4	2	2	2	3	2	3	3	3	5	3	0	0	2
14	2	2	0	0	1	1	3	4	6	4	4	5	8	7	8	11	11	7	8	6	7	7	3	4	5
15	5	4	3	5	5	6	9	14	12	13	0	4	3	3	3	4	4	4	4	3	2	3	5	4	5
16	2	4	5	3	1	3	2	5	6	5	4	4	4	6	5	6	7	6	5	7	6	5	7	3	5
17	8	8	7	11	2	2	3	3	4	8	8	5	5	5	4	5	5	4	4	3	3	2	2	3	3
18	2	2	0	1	2	2	4	3	4	3	3	4	1	2	4	3	5	3	3	4	2	3	2	3	3
19	2	1	2	0	3	3	3	2	2	2	4	5	1	2	4	2	2	3	2	2	3	0	4	***	2
20	4	0	0	0	2	0	1	1	1	0	1	0	0	0	0	0	2	3	5	0	0	0	0	0	1
21	0	0	1	1	2	2	2	0	2	2	4	2	3	3	3	4	5	4	5	6	3	4	4	3	3
22	2	2	2	2	0	1	2	2	4	***	1	***	2	3	3	1	5	5	3	3	3	2	2	1	2
23	3	3	0	4	2	2	0	3	2	2	3	8	3	3	3	5	3	5	4	3	1	1	2	3	3
24	1	0	0	0	1	0	3	2	4	6	3	5	3	3	5	7	5	***	4	5	7	5	3	2	3
25	6	4	5	6	3	3	3	7	6	5	6	7	4	3	4	6	13	11	4	6	9	7	4	4	6
26	4	7	8	6	4	6	3	3	6	6	8	7	9	9	4	3	3	1	5	5	7	***	3	5	5
27	2	2	2	2	2	6	7	3	0	5	6	6	4	2	4	7	3	3	5	4	4	5	8	4	4
28	5	3	0	4	3	1	2	2	4	6	7	5	4	6	5	3	3	5	5	3	3	4	4	4	4
29	2	0	3	3	0	2	3	3	5	0	***	***	5	9	6	9	5	7	2	0	2	3	1	5	3
30	4	5	7	5	8	3	3	3	4	3	3	1	2	4	3	4	13	10	3	-	3	3	2	2	4
31	1	2	2	2	0	3	4	4	4	3	4	4	5	6	3	3	6	4	4	5	5	3	0	4	3
MEAN	3	3	3	3	2	3	3	4	4	4	4	4	4	4	3	4	5	4	4	4	4	3	3	3	3.4

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
	STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES													MONTH - FEB 80												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	2	1	0	1	0	2	3	3	4	3	2	3	2	4	0	6	3	3	3	0	4	2	0	2	2	
2	1	2	2	2	1	1	0	2	4	3	2	1	3	3	3	6	4	3	2	0	2	2	1	0	2	
3	1	0	0	3	5	4	3	4	9	5	7	4	7	6	5	12	10	8	5	4	3	3	2	5	5	
4	2	0	1	2	2	2	4	1	3	0	3	1	7	10	9	9	9	9	14	3	3	2	1	1	4	
5	2	2	3	5	5	6	7	10	8	***	0	8	6	13	10	12	-	-	9	21	21	15	18	22	10	
6	16	19	15	8	7	4	4	4	5	3	3	2	4	3	4	5	4	3	5	3	3	4	3	7	6	
7	4	5	5	6	9	10	5	7	4	3	3	3	3	6	5	8	11	12	12	9	6	3	2	2	6	
8	2	7	8	2	4	14	8	8	24	5	4	6	7	11	10	7	8	5	6	10	5	5	3	3	7	
9	3	3	2	2	2	2	2	3	3	1	3	3	2	9	3	8	2	3	11	9	5	6	3	2	4	
10	3	3	5	4	11	11	9	6	7	6	0	1	2	3	3	5	2	2	6	2	1	3	2	2	4	
11	2	3	3	5	5	5	6	7	9	7	7	5	5	4	***	4	5	5	3	4	10	10	12	11	6	
12	6	4	4	2	2	2	3	4	4	5	0	12	15	11	***	***	2	3	2	2	2	3	4	4	4	
13	3	3	3	2	2	3	4	6	7	7	11	5	4	3	4	5	5	5	6	6	5	5	4	4	5	
14	4	3	4	4	3	4	4	5	7	6	5	***	6	4	4	4	3	2	2	2	2	3	4	1	4	
15	3	3	3	3	9	9	10	10	8	5	7	3	5	4	5	5	4	2	3	3	2	3	2	1	5	
16	0	1	0	0	0	4	5	6	4	3	2	2	3	1	4	3	2	3	1	1	1	2	1	0	2	
17	4	5	4	4	2	3	0	0	0	0	2	0	2	2	0	2	0	2	2	2	1	2	1	0	2	
18	0	2	2	2	3	3	4	4	5	4	3	4	3	5	3	3	5	3	3	4	4	4	3	4	3	
19	3	4	3	3	4	4	4	5	6	7	6	5	5	6	***	***	2	8	6	7	11	13	25	11	7	
20	13	8	15	18	13	14	16	13	28	12	10	8	8	7	7	8	7	9	9	5	5	4	3	6	10	
21	6	6	7	8	8	10	10	15	10	7	6	6	8	7	6	6	7	3	3	2	3	3	3	3	6	
22	3	2	1	2	2	4	3	4	6	4	6	6	6	6	0	11	6	4	3	2	3	3	2	2	4	
23	3	2	3	2	3	3	2	3	3	4	3	2	2	3	2	3	3	4	6	5	5	7	6	5	4	
24	3	3	2	3	3	4	3	4	3	4	1	0	0	2	2	3	1	1	2	2	2	2	1	2	2	
25	2	1	2	2	2	3	8	15	4	2	3	2	3	3	3	3	2	2	2	2	1	2	2	0	3	
26	0	1	0	1	2	2	3	4	6	6	***	3	3	5	4	3	2	3	2	3	2	2	1	1	3	
27	2	2	2	3	3	4	4	3	3	3	4	4	3	4	3	0	2	1	1	1	0	2	2	2	2	
28	0	0	1	2	2	4	3	3	3	5	3	4	2	4	2	3	3	3	3	2	2	2	2	3	3	
29	2	2	2	2	2	2	3	5	5	4	***	3	3	4	4	3	3	2	2	2	2	3	3	3	3	
MEAN	3	3	4	4	4	5	5	5	7	5	4	4	4	5	4	5	4	4	5	4	4	4	4	4	4.3	

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES													MONTH - MAR 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	3	3	3	2	3	2	2	3	3	2	2	2	2	2	2	3	2	2	2	2	2	2
2	2	2	2	2	1	2	1	2	2	2	2	2	1	0	2	2	2	2	2	3	2	5	3	3	2
3	2	2	2	2	3	4	5	5	5	5	3	4	3	3	3	4	6	3	3	3	4	4	3	3	4
4	2	3	3	3	4	3	4	5	5	5	3	4	4	5	4	5	5	5	6	5	5	4	5	5	4
5	5	5	6	5	5	6	9	12	13	***	10	7	7	15	9	12	9	2	0	0	0	0	1	0	6
6	0	0	0	0	0	0	1	3	***	2	2	2	1	2	2	2	2	3	2	3	4	4	3	4	2
7	4	9	4	6	4	3	5	6	11	7	5	4	5	7	4	4	6	6	5	4	4	4	3	5	5
8	3	3	4	3	3	2	3	5	4	3	3	4	4	3	4	3	3	3	4	4	4	4	4	4	4
9	4	4	2	3	3	2	2	2	2	3	4	3	3	2	2	2	2	2	3	3	4	3	4	3	3
10	3	3	3	3	3	3	3	4	4	5	5	4	5	4	3	4	5	4	2	2	2	0	0	0	3
11	0	0	0	0	0	0	0	2	3	2	***	0	2	5	2	3	2	2	0	0	1	1	0	0	1
12	0	0	0	0	0	1	0	2	3	5	4	3	2	0	2	0	0	0	3	2	3	0	1	2	2
13	3	2	2	2	1	2	2	2	2	3	***	***	4	4	5	5	5	6	5	5	4	4	4	5	4
14	3	3	2	4	6	6	6	5	9	9	6	7	5	12	15	4	2	2	2	2	2	1	0	0	5
15	0	0	0	0	0	0	0	3	2	1	2	2	2	2	1	0	1	2	2	3	6	2	3	3	2
16	2	5	4	3	2	1	0	1	1	2	2	2	2	2	3	3	3	4	3	6	5	3	6	4	3
17	4	5	3	3	3	3	3	3	3	4	4	3	4	3	3	2	3	3	2	2	3	2	2	2	2
18	0	0	0	0	0	0	0	1	13	2	***	3	2	2	2	2	2	0	2	2	3	2	2	2	2
19	2	3	2	2	2	3	4	6	5	***	4	3	3	3	3	3	3	4	6	7	5	3	3	4	4
20	3	3	3	3	3	4	4	5	5	5	5	5	4	***	***	4	4	4	7	8	10	8	7	7	5
21	7	5	4	6	6	6	7	13	11	9	9	4	7	9	10	6	3	2	2	2	2	2	2	2	6
22	2	2	2	0	0	2	0	2	2	2	2	2	2	3	2	2	2	3	3	2	3	6	11	5	3
23	7	5	2	3	3	2	3	3	2	2	2	1	2	1	1	3	2	1	2	2	1	3	3	3	2
24	2	2	2	3	2	3	5	11	7	8	7	6	5	4	5	5	5	6	5	4	3	3	3	2	5
25	3	4	2	2	2	0	1	5	7	3	6	3	3	4	5	9	6	2	2	3	2	1	2	2	3
26	1	2	3	3	4	2	3	5	3	5	5	***	1	9	3	4	3	2	3	3	3	3	3	4	3
27	4	4	4	4	5	5	10	6	7	6	4	3	1	2	3	4	4	3	3	4	3	2	2	3	4
28	5	3	3	3	4	3	6	6	15	4	5	4	3	4	5	13	6	5	5	4	3	3	3	4	5
29	3	4	5	4	4	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3	4	3	3	3	3
30	4	4	3	2	2	2	3	2	0	0	2	0	2	1	0	0	0	0	0	0	1	0	0	1	1
31	0	1	2	2	2	3	3	4	4	5	4	3	3	4	2	2	2	4	3	3	3	0	3	3	3
MEAN	3	3	2	3	3	3	3	4	5	4	4	3	3	4	4	4	3	3	3	3	3	3	3	3	3.3

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES														MONTH - APR 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	3	5	3	7	8	7	10	10	5	3	3	3	4	7	3	3	3	3	3	3	3	3	4
2	2	2	2	***	***	3	4	7	9	5	5	6	6	4	2	3	3	4	3	4	3	3	3	3	3
3	6	5	5	5	7	8	14	9	4	***	2	2	-	2	2	2	2	2	2	2	2	2	2	3	3
4	2	2	2	3	3	2	3	2	3	3	3	3	2	2	1	0	0	0	1	0	0	0	0	2	2
5	0	0	0	0	0	0	2	2	2	3	0	0	0	2	1	2	0	0	0	0	2	2	3	3	3
6	3	3	3	3	3	2	2	2	2	2	2	2	2	1	0	1	4	6	3	6	2	3	3	3	3
7	3	5	4	4	3	3	5	10	4	3	3	3	2	3	4	3	4	4	4	3	2	2	3	3	2
8	2	1	2	0	2	2	2	2	3	3	2	3	2	3	3	3	4	4	2	2	1	2	0	-	2
9	0	2	0	1	1	1	3	3	3	0	***	2	2	2	2	3	2	1	3	3	5	3	4	4	4
10	4	0	0	0	0	0	***	3	3	3	2	3	2	2	2	2	3	2	2	2	2	2	2	2	2
11	2	2	0	2	2	2	3	3	3	2	2	3	2	3	2	2	2	2	3	3	3	3	3	4	2
12	4	5	5	6	8	6	4	5	9	4	3	3	3	3	3	2	2	2	1	0	0	0	0	2	3
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	0
14	2	0	1	0	1	1	2	2	3	2	3	2	3	3	2	4	4	3	4	7	4	3	1	1	2
15	0	0	0	2	3	0	1	0	2	2	2	2	0	1	0	0	0	2	8	8	4	4	1	1	0
16	0	0	5	5	2	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
17	0	0	0	0	1	1	2	2	2	2	0	0	0	0	0	0	4	4	7	7	2	2	0	0	0
18	0	0	4	4	0	0	5	5	2	2	7	7	3	3	1	3	3	4	4	4	5	5	8	11	4
19	9	11	9	7	7	7	6	5	7	7	3	3	3	2	3	4	3	3	3	4	4	3	4	4	5
20	4	4	4	4	3	2	3	3	3	3	3	3	2	0	2	1	1	0	1	3	0	1	1	1	2
21	2	2	4	3	5	5	6	4	3	3	2	2	2	0	2	5	2	1	2	5	3	-	-	2	3
22	3	5	4	3	6	9	5	4	3	3	3	-	1	3	1	2	2	2	4	2	2	-	-	1	3
23	2	0	2	0	2	0	2	2	2	2	2	2	1	2	3	3	3	2	2	2	1	0	0	1	2
24	0	2	3	3	3	3	3	3	3	6	2	***	***	1	2	2	3	2	2	2	2	2	2	2	2
25	1	2	2	2	2	2	3	6	7	8	7	3	2	4	2	2	2	1	2	2	2	4	3	3	3
26	2	4	2	3	6	5	5	5	4	3	3	2	2	2	3	4	3	2	2	2	3	6	5	3	3
27	4	2	4	3	4	4	5	2	2	2	2	2	3	2	3	3	3	3	3	3	2	2	2	2	3
28	3	3	2	2	2	3	5	6	6	4	4	4	3	3	3	3	2	2	2	3	3	2	3	1	3
29	1	0	0	0	0	2	3	4	0	3	3	2	3	3	3	4	5	4	6	3	5	4	2	3	3
30	3	2	3	4	5	6	8	5	6	6	4	1	3	2	2	2	0	1	1	-	4	3	2	3	3
MEAN	2	2	3	3	3	3	4	4	4	3	3	3	2	2	2	2	2	2	3	3	2	2	2	3	2.6

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.0

PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES															MONTH - MAY 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	2	3	5	7	****	6	12	6	4	7	3	****	.	2	0	2	2	3	3	3	3	4
2	3	4	4	3	2	2	2	9	12	6	5	7	5	7	5	3	2	3	3	4	5	3	5	5	5
3	5	4	2	2	2	2	2	3	2	3	2	3	3	3	2	3	2	2	2	2	***	0	2	2	2
4	2	2	2	3	2	3	3	3	3	1	2	0	1	2	1	1	2	2	0	3	2	2	3	2	2
5	3	2	2	3	3	5	7	7	6	6	5	4	7	5	5	6	3	2	2	3	2	2	2	4	4
6	2	3	3	4	8	5	3	12	6	8	4	0	***	4	2	2	3	2	2	1	1	1	3	2	4
7	2	4	4	2	3	5	8	5	5	3	2	2	1	3	2	2	2	0	2	1	2	0	0	0	3
8	0	0	0	0	0	2	2	11	2	1	1	2	2	2	1	2	3	4	2	1	2	2	2	0	2
9	1	0	1	2	2	2	3	3	5	2	2	2	3	2	2	1	2	2	2	2	2	2	2	1	2
10	2	1	2	2	1	2	2	2	1	0	1	2	1	2	2	2	2	2	3	4	4	3	3	2	2
11	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	1	1	1	2	3	2	2
12	3	2	1	2	5	4	3	3	2	2	2	2	3	3	3	2	3	4	5	11	5	2	3	4	3
13	5	5	2	2	2	2	2	3	***	1	3	2	2	2	2	2	3	1	2	3	4	2	3	2	2
14	3	2	1	2	1	2	4	5	6	6	4	3	3	3	3	2	2	2	2	1	2	2	2	2	3
15	3	2	3	3	2	5	6	16	4	3	3	3	5	5	5	2	2	3	4	3	2	2	3	3	4
16	5	7	6	2	4	7	6	8	6	2	3	2	3	2	2	0	0	0	0	3	6	9	12	13	5
17	6	4	4	4	9	6	5	4	3	2	2	2	2	2	2	2	4	2	2	2	3	3	2	2	3
18	2	2	2	2	2	2	2	1	0	2	2	1	0	1	.	0	0	0	2	2	2	1	1	0	1
19	0	0	1	2	1	1	1	0	0	0	2	2	2	0	1	0	0	0	1	1	2	4	10	9	2
20	3	4	3	3	3	4	4	6	5	7	4	3	2	2	4	3	2	2	3	3	3	3	3	3	3
21	3	3	3	5	3	5	8	13	****	****	****	7	6	5	5	3	3	4	4	5	5	4	4	4	5
22	4	4	3	4	4	6	6	7	6	6	6	7	7	6	5	5	4	4	4	4	4	4	4	4	5
23	3	3	3	3	4	7	8	8	6	7	5	8	4	4	5	6	5	5	5	6	7	8	11	11	6
24	9	11	8	6	6	6	7	7	8	7	8	6	6	5	4	3	3	2	5	7	6	6	3	3	6
25	3	3	3	3	4	5	3	2	2	2	2	2	1	1	0	0	1	0	0	2	2	2	1	***	2
26	***	***	***	***	***	***	***	2	2	3	3	***	***	***	0	6	2	2	1	2	0	2	0	2	***
27	0	0	2	1	3	2	4	9	12	0	6	3	4	3	12	5	5	3	3	3	3	5	6	2	4
28	2	2	2	2	3	3	4	6	***	7	5	2	***	5	3	3	2	2	2	3	3	5	4	7	4
29	7	4	4	3	4	8	6	7	7	4	3	4	3	3	3	4	4	3	2	2	2	3	4	2	4
30	2	3	2	2	3	5	8	27	10	7	6	6	5	4	4	5	5	5	5	4	4	5	3	0	5
31	0	0	0	2	2	3	3	3	3	3	3	3	2	2	2	0	0	0	0	0	0	0	0	0	1
MEAN	3	3	3	3	3	4	4	6	5	4	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3.3

PERCENTAGE OF DATA VALID - 96.8

PERCENTAGE OF DATA INVALID - 2.8

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES															MONTH - JUN 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	0	1	0	2	2	1
2	0	0	2	2	3	3	4	7	7	4	3	4	6	8	2	4	3	3	3	3	3	2	3	3	3
3	2	3	4	3	3	2	2	3	5	3	5	4	0	4	4	3	1	1	2	2	2	2	0	3	3
4	0	0	1	0	2	3	2	2	0	****	3	2	2	11	2	2	2	2	2	1	1	2	2	3	2
5	2	2	2	3	4	4	5	3	3	3	3	1	3	3	3	4	3	3	2	3	2	3	6	3	3
6	5	3	3	4	3	3	4	5	5	2	4	4	4	4	3	3	4	4	4	2	3	2	2	4	4
7	3	2	2	2	2	2	2	3	2	2	3	2	3	2	2	4	3	3	2	2	1	0	2	0	2
8	0	0	2	0	0	0	0	0	0	0	0	2	3	1	1	1	0	0	0	0	0	0	0	0	1
9	1	0	1	0	2	2	4	2	2	2	1	****	4	2	3	0	2	0	0	0	1	0	0	0	0
10	1	0	0	0	1	1	3	15	****	****	4	3	2	3	3	3	2	1	2	1	0	1	0	0	2
11	1	0	1	0	1	3	3	1	2	****	4	2	2	2	2	1	2	1	1	2	5	7	8	3	3
12	8	6	7	6	7	9	12	****	****	0	2	1	0	2	2	2	3	3	2	3	3	4	3	4	4
13	4	6	4	3	4	4	5	5	4	1	3	3	3	4	5	5	5	****	****	5	5	5	6	4	4
14	6	7	5	5	****	****	****	****	****	4	4	3	4	5	5	4	5	4	5	5	5	4	4	4	5
15	5	10	13	5	4	5	4	5	5	5	3	4	4	4	0	0	0	0	0	0	0	0	0	0	3
16	0	0	0	0	1	3	5	2	0	1	0	2	3	3	0	3	2	2	2	2	2	2	2	2	2
17	2	3	2	2	4	3	4	7	4	4	****	0	4	2	2	2	2	1	2	1	0	1	0	0	2
18	0	0	0	0	2	2	3	4	6	6	4	2	3	2	3	4	4	5	3	5	4	5	5	5	3
19	4	4	4	4	4	5	6	12	11	9	7	6	7	6	4	5	5	4	4	4	4	2	1	2	5
20	2	0	0	0	0	0	20	6	4	3	3	5	5	5	5	8	2	7	7	7	6	2	3	3	4
21	4	3	2	2	1	3	3	3	3	3	4	3	2	2	2	2	2	2	2	2	2	3	2	3	3
22	4	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2
23	5	3	3	3	3	5	****	4	4	4	6	3	3	3	3	3	2	6	18	5	5	4	4	4	4
24	3	5	6	4	4	6	6	8	9	****	5	6	7	5	5	4	5	3	3	4	5	5	5	5	5
25	5	5	5	4	5	6	7	7	6	4	4	4	5	5	4	3	3	3	2	3	4	3	4	3	4
26	3	3	3	3	3	4	5	6	6	4	5	4	4	3	3	3	3	3	2	3	3	5	3	3	4
27	5	5	3	3	6	5	6	8	9	7	5	5	5	4	4	3	3	3	2	3	3	2	1	4	4
28	1	1	0	1	1	2	2	2	2	0	1	2	1	0	1	0	0	0	0	2	0	2	3	2	1
29	0	0	0	0	****	****	****	2	3	2	2	2	2	2	2	2	3	0	2	2	2	2	2	2	2
30	1	2	0	0	1	2	0	2	2	3	2	0	1	0	0	2	2	1	2	0	2	2	2	2	2
MEAN	3	3	3	2	3	3	4	5	4	3	3	3	3	3	3	3	2	2	3	2	3	3	3	3	2.9

PERCENTAGE OF DATA VALID - 96.3

PERCENTAGE OF DATA INVALID - 3.2

PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 CONHS/1000 FT												
STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES													MONTH - JUL 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	1	0	1	2	2	3	2	2	2	1	2	2	2	1	2	2	2	2	3	3	3	2
2	3	3	2	2	2	3	3	8	11	4	***	3	3	3	2	3	2	2	2	2	3	5	4	6	4
3	5	4	4	5	6	9	7	6	3	***	4	4	2	2	2	3	3	3	3	3	3	1	0	3	4
4	4	3	4	2	3	4	10	15	10	3	***	10	4	4	4	4	3	3	3	3	5	6	6	5	5
5	5	4	3	3	3	4	3	3	***	9	4	3	3	2	2	2	2	1	2	0	0	0	0	0	3
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	
7	2	0	3	3	2	4	5	3	2	3	2	2	2	0	2	2	2	1	2	2	2	3	3	3	2
8	3	0	3	3	2	5	5	3	2	3	4	5	4	3	3	***	***	2	2	2	0	2	2	4	3
9	4	4	2	3	3	4	6	6	5	6	4	5	18	2	2	2	2	3	3	3	4	8	8	5	5
10	6	4	5	3	5	6	6	11	***	5	8	8	4	4	6	4	***	3	3	3	3	3	3	3	8
11	3	3	3	3	3	3	4	8	7	5	4	3	3	4	4	4	2	3	3	1	2	0	2	0	3
12	1	0	0	0	1	2	4	2	1	0	1	1	1	2	2	1	15	1	2	1	2	3	4	2	2
13	2	2	2	2	2	2	2	2	2	0	0	0	0	0	3	0	0	0	0	0	0	0	1	1	1
14	0	2	6	0	0	2	2	4	4	2	2	2	2	1	2	3	2	2	1	2	3	3	4	4	2
15	2	4	4	4	2	4	5	5	6	5	3	3	3	4	3	3	3	3	3	2	3	3	4	3	4
16	3	3	3	3	3	5	5	4	4	***	8	5	3	4	4	3	4	4	2	3	2	2	2	1	3
17	2	2	2	2	1	2	2	15	6	4	3	4	4	5	2	2	2	2	2	2	2	1	0	3	3
18	2	3	2	3	3	3	6	5	4	2	3	3	3	9	3	3	2	2	2	3	4	6	3	3	3
19	4	3	3	4	6	4	4	4	4	2	1	2	3	4	3	3	3	3	3	2	3	4	3	3	3
20	4	3	9	4	2	3	3	4	3	3	4	3	3	2	4	2	3	3	3	2	3	3	2	3	3
21	2	2	2	0	4	0	3	3	3	2	0	2	2	2	2	3	2	2	2	3	1	2	2	2	2
22	2	1	0	0	0	0	2	2	0	0	***	3	1	1	2	2	1	1	2	2	2	4	0	0	1
23	0	0	2	2	2	2	0	0	1	1	0	0	2	2	2	2	1	1	2	0	1	1	2	2	1
24	3	4	2	2	2	3	5	6	7	6	4	5	3	1	2	2	2	1	1	2	2	2	1	0	3
25	1	1	0	0	2	3	4	5	5	4	3	3	5	4	3	3	3	2	2	3	2	3	2	2	3
26	2	2	2	2	3	3	4	7	3	4	7	4	6	3	5	6	5	5	5	8	7	7	5	5	5
27	8	7	8	7	5	4	6	7	8	6	5	5	6	4	4	5	4	4	4	0	2	1	2	2	5
28	2	2	2	1	3	3	3	4	3	3	4	2	1	2	-	-	1	2	3	0	-	-	-	2	2
29	2	4	4	5	0	2	3	4	0	***	10	3	2	4	6	2	3	3	2	2	3	3	3	2	3
30	2	2	3	3	2	5	5	6	3	4	3	4	***	***	5	1	0	0	2	3	3	3	2	3	3
31	3	2	3	2	6	4	6	4	3	2	2	3	3	8	1	2	2	3	4	5	5	3	3	3	3
MEAN	3	2	3	2	2	3	4	5	4	3	3	3	3	3	3	3	3	2	2	2	2	3	3	3	2.9

PERCENTAGE OF DATA VALID - 97.4

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.7

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 CONHS/1000 FT												
STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES													MONTH - AUG 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	4	3	4	6	7	7	7	***	***	6	5	4	5	3	3	6	5	4	5	2	3	3	5
2	3	3	2	2	1	2	***	***	3	2	2	4	3	2	1	0	0	0	0	1	2	1	2	1	2
3	1	1	1	0	2	1	1	2	2	3	3	3	3	2	4	2	2	1	0	1	2	2	3	0	2
4	1	3	3	4	2	2	4	3	2	2	2	0	0	1	2	0	0	1	2	2	1	3	***	***	2
5	***	***	6	***	***	***	6	5	4	3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
6	***	***	***	***	***	***	***	***	***	***	***	***	***	6	2	2	3	1	2	2	2	2	2	3	***
7	2	2	3	3	1	5	5	5	3	3	4	3	3	4	3	3	2	-	2	0	2	3	3	4	3
8	3	3	2	***	0	2	4	4	3	3	3	4	7	4	3	1	2	3	2	2	2	3	3	0	3
9	1	0	1	0	0	0	0	0	0	2	1	0	0	1	0	1	0	0	0	2	0	0	0	0	0
10	0	0	2	1	0	0	0	0	2	1	2	0	0	0	0	0	0	0	0	0	0	0	2	1	0
11	2	0	0	0	2	2	3	4	3	3	1	1	2	3	0	2	***	2	3	2	2	5	3	3	2
12	2	0	2	1	2	4	5	5	4	3	4	3	3	3	5	-	-	0	1	0	1	0	1	0	2
13	1	1	0	2	2	4	7	19	3	0	4	2	2	3	3	3	2	0	1	1	3	2	4	3	3
14	2	2	2	0	2	2	4	4	3	3	3	2	1	2	2	2	1	1	1	2	2	3	3	0	2
15	2	0	1	1	2	3	3	7	4	3	***	3	2	4	4	1	1	1	2	1	0	0	0	0	2
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	3	2	0
17	3	6	4	3	2	2	3	3	4	2	0	0	0	0	0	0	0	0	0	0	1	2	2	3	2
18	3	2	1	3	3	1	2	4	3	3	***	4	3	3	3	1	3	3	3	2	2	2	2	2	3
19	2	2	2	2	2	2	3	4	***	5	3	3	0	3	3	3	2	2	2	2	2	2	2	2	2
20	2	2	2	2	2	4	***	10	4	3	5	4	4	4	3	3	3	3	2	2	2	3	2	3	3
21	2	3	-	***	4	5	9	8	4	4	4	3	3	4	5	4	3	3	3	4	3	2	2	2	4
22	2	1	2	1	1	2	2	3	3	3	3	4	3	3	4	4	3	3	2	2	3	3	3	4	3
23	0	1	2	0	5	5	3	3	2	2	2	2	2	1	2	2	2	1	1	3	6	3	3	4	2
24	4	3	4	2	2	2	3	1	2	1	2	0	0	1	0	0	0	0	0	2	4	4	4	4	2
25	3	4	2	3	3	6	19	13	8	5	4	5	5	3	4	5	4	3	3	2	2	3	2	2	5
26	2	1	0	2	1	3	4	-	***	***	***	***	***	***	***	2	3	2	3	3	3	3	3	2	2
27	3	2	2	2	2	3	4	3	4	4	3	3	3	4	4	4	2	2	1	1	3	3	3	4	3
28	2	0	0	0	0	1	2	2	3	3	3	2	3	***	3	2	2	2	2	2	2	3	2	2	2
29	2	4	3	3	4	4	7	13	11	8	8	4	3	3	3	4	3	4	5	4	4	3	3	3	5
30	3	3	3	3	3	3	4	5	6	5	2	2	0	2	3	4	3	3	3	3	2	2	3	3	3
31	2	3	3	2	2	2	2	2	2	1	2	1	2	2	2	2	2	2	2	2	3	3	0	2	2
MEAN	2	2	2	2	2	3	4	5	4	3	3	2	2	2	3	2	2	2	2	2	2	2	2	2	2.4

PERCENTAGE OF DATA VALID - 92.3

PERCENTAGE OF DATA INVALID - 7.3

PERCENTAGE OF DATA UNAVAILABLE - 0.4

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX											UNITS - 0.1 COMS/1000 FT														
STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES											MONTH - SEP 80														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	0	0	1	2	1	0	0	0	0	0	0	1	2	2	2	2	2	2	2	0	0	0	0	1
2	0	0	0	0	0	0	2	3	3	4	2	3	2	2	2	0	2	1	3	3	2	2	1	1	2
3	0	2	2	3	2	1	2	3	2	2	2	1	1	0	1	2	2	2	2	2	3	5	5	6	4
4	5	4	4	4	3	7	7	5	3	***	4	3	3	4	4	3	3	3	4	-	6	4	3	2	4
5	2	2	1	0	0	2	4	2	3	4	2	3	1	2	3	1	0	0	0	0	2	2	4	2	2
6	3	3	2	2	2	2	3	3	3	4	3	2	2	2	2	0	0	1	0	0	2	0	0	0	2
7	2	2	2	3	3	3	3	1	0	1	0	0	0	0	0	0	0	0	2	2	0	0	2	3	1
8	2	3	2	2	2	5	15	14	8	5	6	3	2	2	2	2	2	2	2	4	4	4	3	4	4
9	6	3	2	2	2	4	5	5	2	***	5	3	4	5	5	2	0	0	0	0	0	0	0	0	2
10	0	0	0	0	0	1	2	3	2	2	1	0	2	0	4	3	2	1	1	1	1	4	2	2	1
11	0	0	0	0	2	1	2	2	2	3	1	2	2	2	2	2	2	2	2	2	3	3	3	3	2
12	3	3	3	3	3	4	4	2	3	2	2	2	2	1	2	2	1	2	2	2	1	1	0	0	2
13	1	0	0	0	0	0	1	2	3	3	3	4	3	3	3	3	2	4	5	5	4	4	4	3	3
14	4	0	2	0	1	1	0	2	3	3	3	2	2	2	0	1	0	1	0	0	0	0	0	0	1
15	0	0	0	0	0	0	2	-	0	0	0	1	2	0	0	2	2	0	2	3	3	3	2	3	1
16	4	5	4	3	2	2	3	3	***	6	4	4	2	3	3	3	2	3	3	3	3	2	2	2	3
17	2	2	2	2	2	3	4	3	3	3	2	0	4	0	0	0	0	0	0	0	0	0	0	0	1
18	0	0	0	2	2	7	5	3	3	1	0	0	0	0	3	0	1	1	2	2	3	6	4	3	2
19	2	2	1	1	2	2	5	6	5	3	5	3	3	2	3	3	3	2	6	10	6	6	9	4	4
20	4	3	3	3	5	3	5	4	4	3	4	3	3	3	2	2	2	3	3	4	4	4	4	3	3
21	3	2	2	2	2	2	4	5	2	2	1	1	2	1	1	2	1	2	2	2	0	0	1	0	2
22	0	1	0	0	0	0	3	6	5	4	3	3	2	5	2	3	2	2	2	0	0	2	0	0	2
23	0	0	0	0	0	0	2	5	***	***	0	1	1	2	1	1	0	0	2	0	1	2	0	0	1
24	0	0	2	2	2	2	2	4	3	1	2	1	3	2	1	2	2	2	2	3	1	2	2	2	2
25	3	4	3	3	3	5	8	6	6	6	6	7	5	4	5	3	3	4	4	4	5	2	0	0	4
26	0	1	1	0	0	0	1	0	2	1	3	2	0	3	0	0	0	0	0	0	0	0	0	0	1
27	0	0	1	1	0	-	2	2	2	0	0	0	0	0	0	0	0	0	0	1	2	0	2	1	1
28	1	2	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	4	3	5	4	1
29	3	2	2	2	3	6	10	8	4	3	7	4	3	3	3	4	4	3	6	6	5	6	6	5	5
30	4	3	3	2	2	3	4	4	4	2	4	3	4	3	3	-	3	3	4	4	5	3	4	3	3
MEAN	2	2	2	2	2	2	4	4	3	3	3	2	2	2	2	2	1	2	2	2	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX											UNITS - 0.1 COMS/1000 FT														
STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES											MONTH - OCT 80														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	2	3	3	4	3	3	3	3	3	2	3	3	3	3	3	3	3	4	3	3	3
2	2	0	0	0	0	1	2	2	2	1	2	2	1	1	2	-	***	0	2	5	7	9	5	4	2
3	6	10	7	8	7	8	10	9	4	4	3	3	2	3	3	2	4	3	3	2	0	0	0	1	4
4	1	0	0	0	0	2	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	2	2	3	3	3	2	3	1
6	2	2	2	2	2	4	5	6	3	1	0	1	2	2	2	3	2	-	4	5	5	3	3	3	3
7	2	2	2	2	3	5	12	16	6	***	4	4	3	3	4	4	3	3	3	2	2	2	3	2	4
8	2	2	2	2	3	3	4	5	3	-	-	3	3	3	3	4	3	4	5	3	1	0	0	0	3
9	2	0	0	2	0	3	6	4	2	0	0	0	0	2	4	2	1	1	3	5	6	6	4	5	2
10	6	5	6	10	6	3	8	12	9	7	4	5	3	3	3	2	2	4	5	9	9	11	9	5	6
11	4	4	4	3	3	4	3	4	2	3	2	2	3	3	2	1	0	2	0	0	1	0	1	0	2
12	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	1	3	4	4	7	3	5	2	3	3	2	1	2	2	0	1	0	0	2	2	2
15	2	5	4	3	4	18	5	6	6	4	3	5	3	3	5	6	4	5	6	4	3	3	4	4	5
16	3	3	3	4	4	6	7	10	8	10	7	9	9	6	7	5	5	6	5	3	5	5	6	8	6
17	7	5	3	3	3	7	6	0	***	6	6	4	4	4	4	3	4	3	3	3	2	2	2	2	4
18	2	0	0	0	0	1	0	1	2	0	0	0	2	0	0	0	0	0	0	1	2	0	2	2	1
19	0	0	0	0	0	0	1	1	0	2	1	4	1	0	1	0	0	0	2	0	1	1	0	0	1
20	0	0	0	2	3	0	3	4	4	4	2	2	2	1	2	0	0	2	***	2	2	3	2	1	2
21	2	0	1	0	2	0	3	3	2	2	1	0	2	1	2	4	0	0	0	0	3	0	2	2	1
22	2	1	1	2	2	2	2	4	3	1	***	2	11	3	3	4	2	0	3	2	2	0	0	0	2
23	1	1	0	2	3	1	2	2	2	1	1	2	1	0	0	0	1	2	0	3	1	2	1	1	1
24	0	2	1	2	2	3	6	9	5	4	2	2	4	3	3	2	2	3	2	2	2	2	1	3	3
25	2	3	0	2	2	0	1	-	2	3	-	5	5	4	4	3	0	1	0	2	0	0	0	0	2
26	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
27	0	1	0	0	0	0	0	2	0	0	0	2	2	3	2	0	1	2	2	1	3	2	4	1	1
28	2	2	3	4	3	3	4	5	8	4	2	0	2	3	2	2	2	3	2	1	0	0	0	2	2
29	0	0	0	2	0	0	1	3	3	2	3	3	3	7	2	2	2	3	3	2	1	3	2	3	2
30	1	2	1	1	0	2	2	2	3	-	2	2	2	2	2	2	3	6	4	3	4	3	3	2	2
31	0	3	0	2	2	2	3	2	3	3	3	2	2	2	1	3	3	2	3	3	2	3	1	1	2
MEAN	2	2	1	2	2	3	3	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.3

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES														MONTH - NOV 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	2	2	1	0	0	2	0	1	2	1	0	0	0	0	0	0	0	2	2	0	0	0	1
2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	4	4	10	7	5	2
3	4	4	3	-	2	3	3	4	3	3	3	3	3	3	3	4	3	3	4	2	2	2	4	3	3
4	1	0	2	2	2	0	3	2	3	1	3	2	2	2	3	5	3	3	3	3	2	0	0	0	2
5	-	0	0	2	0	0	0	8	5	2	2	2	2	2	4	2	3	2	2	1	0	0	2	2	2
6	2	-	0	0	0	-	1	2	2	1	2	3	3	3	3	3	4	3	3	3	3	4	3	3	2
7	2	2	2	3	3	3	3	4	5	3	3	3	3	3	5	4	6	6	6	5	5	8	5	2	4
8	2	1	0	0	0	0	0	0	0	1	2	2	0	1	1	2	3	2	2	4	4	5	4	5	2
9	5	4	3	3	2	2	3	4	4	5	-	3	3	3	2	2	2	1	2	2	0	0	0	0	2
10	0	0	0	0	0	0	0	4	4	2	4	2	-	1	6	2	2	0	0	0	0	0	0	0	1
11	0	1	0	0	0	0	1	3	5	4	0	2	2	2	0	0	2	0	0	1	2	1	1	0	1
12	0	0	0	0	0	0	1	3	4	3	4	3	3	9	5	3	3	3	3	2	3	3	3	3	3
13	0	***	***	3	3	4	4	6	5	5	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5
14	11	8	8	7	7	5	7	8	6	3	2	3	2	3	2	3	3	2	2	3	3	2	1	1	4
15	2	0	0	0	2	2	2	1	2	2	2	6	3	0	3	2	6	2	2	1	0	0	2	2	3
16	0	1	2	2	0	0	2	7	2	1	0	1	5	0	2	3	2	2	4	7	8	7	5	5	5
17	4	5	4	4	4	5	4	8	9	6	-	9	3	3	4	5	4	5	4	3	3	1	0	0	3
18	***	8	4	4	4	2	3	5	3	2	2	1	3	5	2	4	3	3	2	4	3	4	3	3	3
19	1	0	0	0	0	0	2	3	3	4	3	2	2	3	4	5	7	7	4	4	3	4	3	3	3
20	3	3	4	4	4	4	4	8	7	6	6	0	6	4	4	4	6	6	6	6	5	5	6	6	5
21	5	4	3	4	4	4	4	6	6	5	4	3	3	3	2	3	3	2	3	2	2	2	2	2	3
22	1	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	3	3	3	3	4	4	4	4	2
23	3	3	3	3	3	3	3	4	3	4	3	3	3	4	4	4	4	3	4	3	4	5	5	5	4
24	6	4	4	5	5	6	6	8	11	10	8	7	5	***	***	7	8	9	7	4	2	2	1	1	6
25	0	0	0	0	0	0	1	8	15	7	5	6	4	9	7	4	1	2	1	0	0	1	2	2	3
26	3	3	3	2	2	2	3	6	4	3	4	7	3	5	11	9	5	8	9	11	9	18	14	8	6
27	-	5	5	5	4	6	3	3	3	3	***	2	5	5	3	3	3	3	3	0	2	3	2	2	3
28	2	2	2	1	2	3	4	8	12	5	4	6	4	3	4	5	3	3	4	3	3	1	0	2	4
29	3	3	2	3	2	0	2	2	4	3	3	2	3	3	2	2	3	3	3	3	3	4	1	3	3
30	2	2	2	2	2	0	2	1	2	2	2	1	0	0	2	2	2	3	2	0	2	0	2	2	2
MEAN	2	2	2	2	2	2	2	4	4	3	3	3	3	3	3	4	4	4	3	3	3	4	3	3	3.0

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES														MONTH - DEC 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	0	2	2	0	2	3	3	5	***	4	***	***	6	7	6	7	8	9	14	8	12	8	5
2	4	4	5	4	5	5	8	6	5	4	***	4	4	3	4	4	2	3	1	1	2	5	5	12	4
3	14	9	3	2	0	0	0	0	9	4	6	6	4	5	10	8	5	3	3	3	3	3	5	4	5
4	3	3	5	6	4	4	3	4	2	4	0	***	***	2	2	5	8	3	3	7	8	11	14	10	5
5	8	6	4	8	5	2	3	4	6	7	3	3	2	3	2	3	5	7	7	6	5	3	6	7	5
6	3	5	4	4	5	2	3	5	5	4	3	4	5	3	4	2	4	4	4	7	5	6	4	3	4
7	7	9	9	7	10	8	9	8	9	10	11	15	19	12	10	7	13	8	6	8	11	5	4	3	9
8	3	3	3	3	2	3	3	4	5	4	4	3	3	3	4	3	9	4	2	2	2	2	3	2	3
9	0	2	3	2	1	4	2	3	3	0	4	2	1	3	2	3	4	3	6	7	-	-	2	2	3
10	2	2	2	3	3	3	3	4	3	4	3	2	2	2	2	1	2	4	3	2	1	0	1	0	2
11	0	0	0	0	2	2	2	3	4	5	7	7	4	3	3	4	6	5	5	5	-	-	-	3	3
12	2	5	5	3	2	3	3	3	5	5	4	6	5	***	4	4	4	3	5	6	7	4	4	5	4
13	4	2	2	3	2	3	1	0	2	1	2	1	2	2	0	2	2	4	5	4	2	2	2	2	2
14	3	3	2	3	3	4	4	4	4	5	0	2	5	1	1	2	4	6	2	2	1	2	2	2	3
15	0	0	0	0	0	0	4	8	8	4	5	4	3	0	***	5	5	4	4	4	3	3	3	4	3
16	3	3	3	3	3	3	3	4	4	4	3	7	12	4	3	3	6	4	4	4	3	3	2	3	4
17	3	3	3	2	2	2	3	13	7	9	11	6	6	2	3	5	6	7	3	3	3	4	4	4	5
18	***	***	4	3	3	4	4	5	4	4	6	4	4	5	6	8	7	4	3	4	8	-	-	-	5
19	3	7	9	7	8	1	2	12	9	6	4	3	-	-	9	13	11	11	9	10	5	14	10	1	7
20	2	2	0	1	1	0	2	4	18	17	14	13	13	10	13	12	10	7	12	15	14	14	10	9	9
21	10	9	13	4	4	9	4	2	2	6	6	9	11	11	14	7	4	5	3	2	3	2	3	2	6
22	2	2	2	2	3	8	4	6	6	7	5	4	4	3	2	3	4	4	4	4	4	5	5	6	4
23	7	7	8	6	5	5	6	7	8	***	6	8	6	7	4	6	5	5	4	3	3	3	4	3	5
24	4	3	4	4	4	5	5	5	8	6	5	6	3	3	3	2	2	1	2	1	0	2	2	3	3
25	2	2	2	0	1	1	2	2	3	4	2	2	1	1	1	0	1	1	0	2	2	2	2	2	2
26	2	1	2	2	2	2	1	2	2	3	2	3	3	3	3	3	3	3	3	3	3	3	2	3	2
27	3	3	3	3	3	3	5	6	8	10	8	6	4	4	3	3	4	5	4	7	7	8	9	7	5
28	7	7	6	3	4	3	3	4	3	3	2	3	2	3	3	3	4	10	4	4	4	5	6	5	4
29	4	4	6	7	11	8	7	7	8	6	8	8	8	7	9	8	8	8	6	6	5	3	3	4	7
30	3	2	0	0	0	0	0	2	2	***	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2
31	2	2	2	2	1	2	4	3	3	4	***	2	2	2	2	2	2	2	2	3	3	2	2	-	4
MEAN	4	4	4	3	3	3	3	5	5	5	5	5	5	4	4	5	5	5	4	5	5	5	5	4	4.3

PERCENTAGE OF DATA VALID - 96.6

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.4	6	14
FEB	29	4.3	10	28
MAR	31	3.3	6	15
APR	30	2.6	5	14
MAY	30	3.3	6	27
JUN	30	2.9	5	20
JUL	31	2.9	5	18
AUG	29	2.4	5	19
SEP	30	2.1	5	15
OCT	31	2.3	6	18
NOV	30	3.0	6	18
DEC	31	4.3	9	19
YEAR	363	3.1	10	28

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	549	172	13	0	0	0	0	734
FEB	463	179	32	5	6	0	0	685
MAR	579	141	14	0	0	0	0	734
APR	613	90	3	0	0	0	0	706
MAY	553	152	13	1	1	0	0	720
JUN	563	122	6	2	0	0	0	693
JUL	615	104	5	1	0	0	0	725
AUG	633	49	3	2	0	0	0	687
SEP	646	63	2	0	0	0	0	711
OCT	643	83	4	2	0	0	0	732
NOV	567	129	9	1	0	0	0	706
DEC	475	207	34	3	0	0	0	719
YEAR	6899	1491	138	17	7	0	0	8552

FREQUENCY DISTRIBUTION BY PERCENTILES

 PERCENT
OF DATA
VALID

MIN

10

30

CONCENTRATIONS

FREQUENCY DISTRIBUTION, PERCENT

50

70

90

95

98

99

MAX

 ARITH
MEAN

97.4

0

0.0

1.4

2.2

3.1

5.5

7.2

9.8

11.9

28

3.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - WC NO 27049 MURRAY/BUCHANAN AV. NIAGARA FALLS														MONTH - JAN 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	3	0	2	0	2	0	1	2	2	2	2	2	1	1	0	2	0	2	2	1	
2	1	1	1	2	0	2	2	2	9	3	4	0	4	3	4	3	4	2	2	3	2	1	0	0	2
3	1	2	0	0	0	0	1	1	9	2	3	0	1	0	3	4	4	4	2	3	5	5	3	2	2
4	2	2	1	0	0	3	2	2	5	1	3	0	0	2	2	3	4	3	3	2	2	3	3	2	2
5	2	3	2	3	3	2	3	3	3	1	0	1	1	0	0	2	1	1	3	4	6	3	1	0	2
6	1	3	2	3	0	0	3	3	3	0	2	2	3	2	0	0	1	5	1	3	4	3	2	3	2
7	3	2	3	1	0	3	2	2	2	0	1	0	0	1	0	2	0	0	0	2	2	0	1	1	1
8	0	0	0	0	1	0	1	2	3	2	1	3	2	2	0	0	2	2	1	3	3	3	2	2	1
9	0	2	0	2	2	1	1	3	3	3	1	0	0	0	0	0	2	0	2	0	2	2	3	4	1
10	3	2	3	4	4	3	5	6	10	8	6	6	7	5	2	2	3	2	1	3	6	3	5	4	4
11	5	4	3	3	3	4	3	3	2	2	2	2	1	2	0	1	2	1	0	0	0	0	2	0	2
12	0	0	1	1	0	2	0	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	2	0	1
13	2	3	4	2	1	0	2	5	4	3	3	2	1	2	0	2	3	2	2	2	1	2	2	2	3
14	1	1	1	2	0	1	0	2	3	0	3	3	3	3	3	6	5	6	3	6	4	4	3	2	3
15	4	2	3	2	3	2	3	3	5	3	2	2	3	3	1	2	2	1	3	3	2	3	3	3	4
16	3	3	4	5	4	2	3	4	5	6	3	3	4	4	4	3	4	6	6	2	4	5	5	3	4
17	3	6	5	4	3	2	3	3	5	4	3	4	5	4	4	4	4	3	4	2	1	2	2	2	3
18	2	1	0	0	1	2	2	2	2	2	2	3	3	2	3	3	2	2	2	1	2	2	2	1	2
19	0	2	0	1	0	0	0	2	0	1	0	1	0	0	0	0	0	2	1	2	0	2	0	0	0
20	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	3	0	0	0	0	0	0
21	2	0	0	0	0	1	0	0	2	0	1	1	1	2	0	0	4	4	5	4	3	6	4	2	2
22	2	3	2	1	0	0	2	3	5	2	4	0	2	3	2	2	3	3	0	2	0	0	0	3	2
23	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0
24	0	0	0	0	0	0	0	0	1	1	0	2	0	2	0	2	2	3	2	4	3	3	3	3	1
25	3	3	3	2	2	2	3	6	5	2	3	4	8	8	3	6	11	8	6	5	4	4	3	2	4
26	2	2	1	0	0	0	0	0	1	0	0	1	1	2	1	0	1	0	2	0	1	0	0	0	1
27	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	2	1	0	2	2	2	1
28	1	2	3	2	2	0	0	2	2	1	0	1	2	2	1	0	2	0	2	1	2	2	1	0	1
29	1	0	1	0	0	1	2	3	10	3	3	3	2	2	3	4	2	7	0	0	0	1	2	2	2
30	1	2	0	0	0	0	2	2	3	4	2	2	1	2	2	2	2	4	4	0	2	2	2	1	2
31	0	1	0	0	0	0	1	1	1	3	2	2	2	3	3	3	3	3	2	2	2	2	2	0	2
MEAN	2	2	1	1	1	1	2	2	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.1

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - WC NO 27049 MURRAY/BUCHANAN AV. NIAGARA FALLS														MONTH - FEB 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	1	3	2	2	1	0	2	1	2	2	0	0	0	2	0	0	1
2	1	0	0	1	0	0	2	0	1	1	0	1	1	1	1	0	2	1	2	2	2	0	1	0	
3	0	2	2	2	1	0	1	2	1	1	1	2	2	1	2	2	2	2	2	3	2	3	2	1	
4	0	0	0	0	0	0	2	2	4	2	2	0	3	0	2	2	2	2	1	3	3	2	3	2	
5	0	0	1	3	3	3	3	5	6	4	2	2	2	3	1	3	-	-	6	11	10	7	8	6	
6	10	9	4	5	5	4	3	3	11	3	2	2	2	2	2	2	0	1	0	0	2	3	3	3	
7	3	3	3	4	4	3	2	4	4	0	1	2	0	1	3	4	3	3	3	6	3	3	3	2	
8	2	2	1	0	1	2	3	4	5	4	2	3	3	3	2	3	4	4	6	8	7	5	3		
9	2	2	2	2	2	1	2	2	2	2	2	2	2	1	2	2	1	2	2	5	7	4	3		
10	2	3	2	0	0	0	2	2	3	2	2	1	2	1	0	2	0	1	2	2	0	1	2	0	
11	0	1	2	2	4	3	4	3	5	3	5	3	2	7	0	2	2	1	1	3	1	1	2	0	
12	0	0	0	0	0	1	2	3	4	3	2	2	3	1	2	2	3	3	2	1	2	2	4	5	
13	5	3	3	3	1	1	4	5	5	4	5	4	3	3	3	3	3	4	4	4	4	4	4	3	
14	3	3	3	3	2	3	3	5	4	3	4	3	4	2	3	1	3	2	0	3	4	4	4	3	
15	6	4	3	4	1	2	2	7	6	2	3	3	2	0	0	8	0	1	3	2	3	2	3	2	
16	2	3	0	0	0	1	2	2	2	0	0	2	2	2	2	2	0	0	2	1	0	0	0	1	
17	3	3	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0		
18	2	2	2	2	3	3	3	3	18	4	3	2	3	2	7	0	2	2	3	3	2	2	3	2	
19	4	3	2	3	1	3	3	3	5	3	3	4	3	5	5	5	4	4	4	6	4	5	3	4	
20	5	11	8	7	6	6	8	7	8	5	5	4	5	3	6	7	5	5	6	6	4	6	5	5	
21	5	5	5	6	7	7	9	10	5	5	5	6	8	6	6	6	4	4	0	2	2	2	0	1	
22	1	1	1	2	0	2	3	4	5	6	7	7	7	6	4	2	2	2	2	3	0	2	0	3	
23	1	0	1	0	0	2	0	2	2	2	2	3	3	2	2	2	3	3	3	3	3	3	3	2	
24	2	2	2	1	2	3	3	4	3	3	0	1	1	0	0	0	0	1	2	0	2	1	1	2	
25	1	2	2	2	0	2	2	3	6	4	2	0	0	0	0	1	1	0	0	1	1	1	1	2	
26	0	2	0	1	1	0	2	2	2	2	3	2	2	2	2	2	2	2	1	1	0	2	0	1	
27	2	2	2	2	2	2	3	4	2	2	4	1	2	2	0	2	0	0	1	0	2	2	1	2	
28	0	0	0	1	0	2	1	2	3	4	2	2	1	2	1	1	2	2	2	1	2	1	1	2	
29	2	0	1	1	0	2	2	1	0	2	2	2	2	0	3	2	2	2	0	2	1	2	0	3	
MEAN	2	2	2	2	2	2	3	3	5	3	3	2	2	2	2	3	2	2	2	3	3	2	2	2	

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.3

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - WC NO 27049 MURRAY/BUCHANAN AV. NIAGARA FALLS													MONTH - MAR 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	3	1	2	2	3	3	4	3	0	2	2	1	2	2	1	0	1	3	3	2	1	2	2	2
2	3	2	2	1	2	1	2	4	2	1	2	2	2	0	2	1	2	2	1	2	2	0	2	2	2
3	0	3	0	2	2	3	3	5	5	5	2	2	2	3	3	3	2	3	3	3	4	3	3	3	3
4	2	3	3	2	3	3	4	5	5	5	3	4	3	4	0	2	4	4	4	4	4	5	5	3	4
5	5	6	4	5	5	5	11	7	11	8	6	4	4	3	7	7	6	3	0	0	0	0	0	1	5
6	0	0	0	0	0	0	0	1	***	0	0	2	0	1	1	0	2	2	2	2	2	3	3	4	1
7	4	5	4	4	3	4	5	5	7	5	5	4	4	0	6	3	3	3	3	3	4	5	4	5	4
8	3	3	4	3	3	2	3	3	3	2	2	3	3	2	3	3	3	2	2	2	3	3	4	3	3
9	3	4	4	5	2	2	2	2	2	3	3	3	3	3	3	2	2	3	3	4	2	3	3	3	3
10	3	3	4	2	3	2	2	3	4	4	4	4	3	***	0	2	2	1	0	C	0	0	0	0	2
11	****	0	0	0	****	0	0	0	4	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0
12	0	0	0	0	0	0	0	0	2	2	2	0	0	2	0	3	0	2	2	1	2	3	2	0	1
13	2	2	1	2	3	2	2	3	3	2	4	***	2	0	3	2	2	2	2	2	2	7	7	7	5
14	7	5	5	3	1	3	4	5	5	4	3	3	2	0	0	1	2	2	0	1	1	0	1	0	2
15	1	1	0	0	0	0	0	1	0	1	1	0	2	2	2	2	1	0	3	5	5	0	3	4	1
16	2	2	0	2	3	2	0	2	1	2	3	2	3	3	3	4	4	4	3	6	5	5	6	8	3
17	2	4	13	9	4	2	2	2	5	3	4	3	2	3	0	0	2	2	0	0	2	1	0	0	3
18	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	2	0	2	2	1	1	1	1	0	1
19	0	2	0	1	2	2	3	5	4	4	3	3	4	3	3	3	3	0	0	4	4	5	3	5	3
20	2	2	2	3	4	6	3	5	6	5	6	6	5	****	****	5	4	3	3	3	7	6	4	4	4
21	5	3	4	4	4	4	4	4	4	3	4	3	3	7	3	2	0	0	0	0	0	0	0	0	3
22	0	0	0	0	0	0	0	1	2	2	3	2	3	2	1	2	2	2	2	1	2	4	6	2	2
23	2	3	2	3	2	0	2	2	2	2	1	1	2	2	2	2	2	2	2	3	3	3	3	3	2
24	3	5	6	5	6	4	7	7	8	10	13	15	11	7	***	***	4	5	5	4	3	2	3	3	6
25	3	2	3	2	1	0	0	2	9	0	0	2	1	2	2	2	0	2	1	1	0	1	0	0	2
26	0	0	2	2	2	1	1	1	2	3	2	2	4	4	3	3	0	2	2	2	3	3	6	5	2
27	5	4	6	5	4	3	5	9	7	7	3	2	3	4	4	2	1	2	2	1	0	4	3	3	4
28	1	2	5	5	5	5	5	6	11	7	7	6	6	****	4	7	4	3	4	3	5	4	5	4	5
29	4	3	3	3	1	0	3	3	3	3	2	2	2	2	2	2	2	3	2	2	1	2	2	2	2
30	3	2	2	3	0	1	2	2	1	2	2	3	3	2	0	0	0	0	2	0	0	0	0	0	1
31	0	2	2	2	2	2	2	3	3	2	2	2	2	4	****	0	0	1	2	2	2	0	1	0	4
MEAN	2	2	3	3	2	2	3	3	5	3	3	3	3	2	2	2	2	2	2	2	2	2	3	2	2.5

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - WC NO 27049 MURRAY/BUCHANAN AV. NIAGARA FALLS													MONTH - APR 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	4	2	2	3	4	3	3	5	5	4	3	2	3	2	2	2	2	0	3	4	2	3
2	2	3	3	***	***	2	3	6	6	5	4	3	4	5	4	4	4	4	3	3	3	4	2	3	4
3	3	4	2	2	2	0	3	4	5	2	2	2	-	3	5	2	***	1	2	1	0	1	2	2	2
4	5	3	4	3	4	4	3	3	3	2	3	1	0	0	1	0	0	0	0	0	0	0	0	0	2
5	0	0	0	0	0	0	0	2	2	2	2	2	1	0	0	1	1	0	2	0	1	2	1	3	1
6	3	3	3	3	3	2	2	2	2	2	2	3	2	0	1	0	1	2	2	2	0	0	2	0	3
7	0	1	2	3	3	3	3	3	4	4	2	2	2	2	3	4	4	4	3	3	3	2	2	4	2
8	1	2	2	1	2	2	0	1	2	1	2	1	2	3	2	1	3	2	2	2	3	1	0	-	2
9	0	1	0	0	0	0	0	3	2	1	2	2	1	1	2	2	2	2	2	3	2	3	3	3	2
10	4	0	0	0	0	0	****	1	2	0	1	1	2	0	3	3	0	1	1	1	0	1	1	2	1
11	2	1	0	2	2	2	2	3	3	2	2	4	3	2	2	2	2	2	0	0	1	2	2	2	2
12	2	2	3	4	4	3	5	6	3	2	3	3	3	3	2	3	2	2	0	0	0	0	0	0	2
13	0	1	0	1	0	0	0	0	0	2	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0
14	1	0	0	2	0	1	2	2	3	2	2	3	4	***	4	2	4	3	5	8	5	0	0	0	2
15	0	0	0	***	***	0	0	0	2	0	1	1	0	0	2	0	0	0	0	0	0	0	***	0	0
16	0	2	0	0	0	0	1	2	16	3	2	2	2	0	1	0	2	2	0	2	1	1	2	2	2
17	4	4	3	2	3	2	4	5	3	1	***	2	1	2	2	1	0	1	0	0	0	0	2	2	2
18	1	1	2	1	2	2	3	5	5	4	5	5	4	4	4	3	4	4	3	3	5	5	8	7	4
19	7	5	6	5	4	8	8	8	6	7	6	4	3	3	3	3	4	3	4	3	***	4	4	4	5
20	4	3	4	4	4	3	3	4	3	4	4	4	3	2	3	2	2	1	0	0	0	0	0	0	2
21	0	0	2	1	3	2	3	4	3	3	3	2	3	0	***	0	1	2	2	3	2	-	-	4	2
22	5	5	5	3	4	6	4	3	8	3	3	3	0	0	0	1	2	2	0	1	0	0	-	0	3
23	0	0	2	2	2	2	3	3	4	4	1	0	4	2	2	3	3	2	2	2	1	0	1	0	2
24	0	0	0	2	2	3	4	3	4	4	4	***	***	0	2	2	0	1	0	1	3	2	2	2	2
25	3	1	1	1	2	2	2	4	4	3	4	3	0	0	0	2	1	2	2	2	2	3	5	4	4
26	4	5	3	4	3	3	8	4	3	4	2	4	3	3	3	3	4	3	3	3	3	3	3	3	4
27	3	2	3	3	3	4	4	3	3	2	0	1	2	2	3	2	1	2	3	3	2	3	2	2	2
28	2	2	3	2	3	3	3	3	3	3	3	2	0	0	2	2	0	2	2	2	1	2	1	2	2
29	2	0	2	2	0	0	1	3	2	0	0	0	0	0	2	2	2	3	3	2	4	4	4	3	2
30	3	4	5	3	3	3	4	4	4	4	6	3	2	2	2	2	2	2	2	-	5	0	0	0	2
MEAN	2	2	2	2	2	2	3	3	4	3	3	2	2	1	2	2	2	2	2	2	2	2	2	2	2.2

PERCENTAGE OF DATA VALID - 97.4

PERCENTAGE OF DATA INVALID - 1.8

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - MC NO 27049 MURRAY/BUCHANAN AV. NIAGARA FALLS														MONTH - MAY 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	3	3	3	5	5	***	6	3	3	3	5	3	***	-	1	0	5	4	3	4	4	3	3
2	2	4	3	4	5	4	6	5	3	2	3	3	3	2	3	3	2	2	2	3	2	3	3	3	3
3	4	4	4	4	3	3	5	4	4	3	3	4	4	3	3	4	2	2	1	5	2	***	2	2	3
4	2	2	2	2	2	2	3	2	3	4	2	2	2	2	2	2	1	1	2	3	2	3	2	3	2
5	3	3	2	3	4	4	4	4	4	4	5	4	***	0	4	4	5	4	2	2	3	2	2	2	3
6	2	2	3	3	3	2	3	2	2	3	2	2	2	2	1	2	1	0	2	2	1	3	1	2	2
7	3	2	3	2	2	0	4	2	3	2	2	2	2	0	0	2	2	2	0	0	0	0	0	0	1
8	0	0	0	0	0	0	2	2	8	1	0	1	2	2	2	2	0	1	1	0	2	2	2	0	1
9	0	0	0	0	0	1	2	2	3	1	0	0	1	0	0	2	0	2	0	2	2	2	1	3	1
10	2	2	1	2	2	3	3	1	0	0	1	2	2	2	2	2	2	1	2	2	2	3	2	1	2
11	3	3	0	1	3	2	2	2	2	3	3	3	3	3	3	4	2	2	1	2	2	2	0	0	2
12	0	1	2	1	2	2	2	3	0	1	0	2	3	2	3	3	2	2	3	3	6	5	4	2	7
13	4	3	1	2	0	3	3	2	2	2	2	2	0	***	0	3	3	3	0	2	1	1	0	2	2
14	2	3	2	2	0	0	0	2	3	3	3	2	0	2	2	1	2	2	0	2	2	2	2	2	2
15	0	0	1	2	1	1	3	4	2	2	2	0	2	2	1	2	2	0	0	4	4	3	3	2	2
16	2	2	11	28	43	19	7	6	2	2	3	2	1	0	0	0	1	0	0	1	0	0	1	1	2
17	3	4	3	2	3	2	4	1	1	1	2	2	2	1	1	0	0	4	3	2	2	3	2	1	2
18	1	1	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	2	2	5	4	3	1
19	2	0	0	1	1	0	0	0	0	0	0	0	1	0	1	1	0	0	1	2	3	2	3	3	1
20	3	2	3	4	5	6	5	7	4	5	3	3	3	0	3	3	3	3	2	3	3	4	5	5	4
21	6	7	5	7	7	3	3	4	5	6	6	6	6	6	6	5	5	5	4	5	6	5	5	4	5
22	5	4	4	3	4	4	7	8	8	7	9	8	10	9	8	7	6	6	5	6	6	7	8	7	7
23	7	8	7	8	8	8	9	9	7	7	5	8	7	5	4	4	4	5	7	8	8	11	8	9	7
24	10	11	11	9	11	11	8	9	9	10	8	4	6	8	7	4	8	8	9	8	11	10	10	9	9
25	6	6	5	4	5	4	4	3	3	3	3	3	2	2	2	2	2	2	3	2	5	3	1	1	3
26	0	2	3	2	3	1	2	3	0	2	2	***	0	1	4	3	1	0	0	2	1	2	1	0	2
27	2	0	2	2	2	2	2	3	2	2	3	2	2	2	3	3	3	2	3	5	4	5	4	3	3
28	2	3	3	2	2	2	2	3	4	3	2	3	***	6	3	2	2	2	2	2	2	1	1	1	2
29	2	2	4	4	2	2	4	5	4	3	3	3	2	***	2	5	2	2	2	2	2	3	3	4	3
30	5	6	6	6	6	6	6	6	6	5	4	3	3	***	3	3	3	3	3	3	6	5	2	0	4
31	0	2	0	1	2	2	2	3	3	3	4	3	2	2	2	2	0	0	0	2	0	0	0	0	1
MEAN	3	3	3	4	4	3	4	4	3	3	3	3	3	2	3	3	2	2	2	3	3	3	3	3	2.9

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - WC NO 27049 MURRAY/BUCHANAN AV. NIAGARA FALLS														MONTH - JUN 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	2	2	2	2	2	2	3	2	2	1
2	2	0	3	2	3	3	3	4	5	3	3	4	3	***	***	2	3	2	3	1	3	3	3	3	3
3	3	3	3	2	1	2	2	2	2	3	2	3	0	3	5	3	3	2	3	2	3	2	0	1	2
4	1	0	2	2	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	
5	3	3	3	2	3	***	***	3	2	***	***	4	1	2	2	2	2	2	0	2	2	1	2	2	2
6	2	2	2	3	4	2	2	4	4	2	3	3	2	3	3	2	3	3	3	2	3	3	3	3	
7	3	3	2	2	2	2	2	3	2	2	2	2	2	1	2	6	4	3	2	2	0	1	0	0	
8	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
9	0	0	0	0	1	2	3	2	2	1	1	***	3	***	1	0	0	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	2	3	1	3	0	2	0	0	***	2	0	0	0	0	0	***	1	0	1
11	0	0	0	0	0	0	0	***	***	***	***	3	0	0	1	1	0	0	1	***	2	3	3	2	1
12	3	3	3	2	6	5	5	***	***	***	***	2	1	0	0	1	2	2	4	3	-	-	-	-	2
13	3	3	2	3	2	3	2	3	4	-	-	4	2	4	4	4	2	***	***	4	5	4	5	4	4
14	6	6	4	4	***	***	***	***	***	***	3	3	3	3	4	5	4	4	3	3	2	5	4	4	4
15	4	3	4	4	4	3	4	4	4	4	4	4	3	3	0	0	0	0	0	0	0	0	0	2	
16	0	0	0	0	0	0	1	0	1	0	1	0	0	1	***	0	0	0	0	0	1	0	2	1	0
17	2	2	2	1	2	4	5	21	6	7	6	2	***	2	1	0	0	1	0	0	1	1	2	1	3
18	2	2	2	2	2	1	2	2	2	3	3	2	2	1	2	2	2	5	4	4	4	4	4	3	3
19	4	4	4	5	6	6	5	6	6	6	4	3	3	2	2	2	2	2	2	3	2	2	1	1	3
20	1	0	1	0	0	0	0	0	2	1	0	2	1	0	2	1	0	1	3	4	5	4	3	3	1
21	3	3	2	3	2	2	2	1	2	2	2	2	2	0	2	2	1	2	2	2	3	3	3	2	2
22	4	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	1	2	2	3	3	3	2	3	2
23	3	3	3	3	2	3	3	4	5	4	7	4	0	3	2	3	2	2	3	3	3	4	4	5	3
24	5	4	4	4	5	3	5	4	3	3	5	3	3	16	3	3	4	3	3	3	3	5	6	5	4
25	6	5	5	6	5	6	6	7	5	5	5	4	6	4	5	0	-	3	3	3	3	3	3	4	4
26	5	3	3	3	3	4	7	5	4	4	4	3	4	3	3	3	3	2	3	3	3	4	4	3	4
27	3	3	3	4	3	4	5	5	5	7	6	4	5	4	4	3	3	2	0	2	3	2	2	0	3
28	1	1	1	2	3	1	0	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	3	3	***	***	***	4	3	2	3	3	3	3	3	2	2	1	0	2	2	3	2	2	2
30	2	2	1	0	1	0	2	0	2	2	2	2	0	0	2	1	1	1	0	2	2	0	1	1	1
MEAN	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	3	2	2	2.3

PERCENTAGE OF DATA VALID - 94.4

PERCENTAGE OF DATA INVALID - 4.4

PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - WC NO 27049 MURRAY/BUCHANAN AV. NIAGARA FALLS														MONTH - JUL 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	2	0	2	2	2	1	2	2	2	2	2	2	2	2	2	3	3	3	3	2
2	4	4	2	2	3	3	3	5	4	4	----	3	2	3	3	2	5	3	2	2	3	3	2	0	3
3	0	3	2	1	2	2	3	3	4	5	2	3	3	2	2	2	2	2	2	3	3	3	3	3	3
4	3	----	3	2	2	2	3	4	3	3	----	----	3	4	3	2	3	3	3	2	2	5	3	5	3
5	8	3	2	5	6	4	3	4	----	0	4	3	3	2	2	2	2	1	0	0	2	1	0	0	2
6	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	1	2	2	0
7	3	3	1	0	1	2	3	4	7	2	1	2	1	0	2	1	2	1	2	1	3	2	2	2	2
8	3	3	2	2	1	0	1	2	1	2	1	4	3	2	3	----	----	2	2	2	0	3	4	4	2
9	3	3	6	5	3	4	5	5	4	3	2	2	2	2	2	2	2	2	3	3	5	4	3	2	3
10	2	2	3	2	3	4	4	4	4	4	7	4	3	2	4	3	----	3	2	3	3	4	4	3	3
11	3	2	3	2	2	3	3	4	4	5	4	4	4	3	3	2	2	3	3	2	1	0	1	0	3
12	1	0	0	0	2	1	1	2	1	1	0	0	2	2	2	2	2	2	1	2	2	4	2	1	1
13	3	3	1	3	2	2	2	2	2	1	0	0	0	0	0	0	2	0	0	2	2	2	1	1	1
14	1	2	7	3	3	2	3	2	2	2	2	----	----	1	2	1	2	2	2	3	3	2	2	2	2
15	4	4	4	3	3	3	3	3	3	3	3	5	3	4	3	3	3	1	3	2	3	4	3	3	3
16	3	2	3	2	3	3	4	3	2	3	3	3	2	3	2	3	2	0	0	2	1	2	1	2	2
17	1	2	3	2	2	1	1	2	0	2	2	0	1	3	2	2	1	2	0	1	3	1	2	2	2
18	2	2	2	2	3	3	6	5	3	2	0	2	1	0	1	0	1	2	2	2	3	3	4	2	2
19	2	3	2	3	5	3	3	4	4	0	1	2	3	3	3	3	3	3	4	3	3	3	3	3	3
20	3	2	2	2	2	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	2	2	6	4	3
21	2	2	1	2	2	1	3	3	2	3	0	2	2	----	1	1	2	0	0	1	1	1	1	0	1
22	0	0	0	0	0	0	----	5	2	2	3	3	0	0	0	0	1	0	2	0	2	2	3	3	1
23	4	4	2	2	0	0	3	3	3	3	2	2	0	0	2	2	4	4	1	0	0	1	3	3	2
24	4	3	2	2	2	3	3	4	3	2	1	2	2	3	1	0	2	0	0	2	0	0	0	0	2
25	2	1	0	0	0	4	3	3	3	2	2	2	2	2	3	3	3	2	3	4	2	3	2	2	2
26	2	2	2	2	3	2	2	2	3	3	2	3	3	4	5	6	5	4	4	2	2	3	3	3	3
27	3	3	2	3	3	5	3	3	4	3	2	3	2	2	2	4	4	3	2	0	0	0	0	0	2
28	0	0	0	0	1	2	2	2	2	1	0	0	0	2	3	-	0	0	0	-	-	-	-	0	1
29	0	0	0	0	0	3	1	3	0	2	0	2	3	2	2	3	2	2	2	4	2	2	2	2	2
30	2	2	2	2	4	3	4	3	3	3	3	3	2	3	2	4	2	2	2	2	2	2	2	2	3
31	3	2	3	----	3	4	2	9	2	2	1	2	2	2	3	6	2	3	2	2	3	2	2	3	3
MEAN	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.2

PERCENTAGE OF DATA VALID - 97.7

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - WC NO 27049 MURRAY/BUCHANAN AV. NIAGARA FALLS														MONTH - AUG 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	4	6	5	5	5	4	5	6	4	3	2	3	3	3	3	3	4	4	2	2	2	4
2	2	2	2	1	2	2	---	---	2	2	4	3	2	2	0	0	0	2	0	2	2	2	1	0	2
3	0	0	0	0	2	2	1	2	2	2	2	2	2	2	3	3	2	1	2	2	2	2	2	3	2
4	2	0	0	2	3	3	2	6	3	2	1	1	2	1	1	0	2	0	0	2	2	0	2	3	2
5	2	3	3	3	3	3	3	2	2	3	4	2	---	3	3	3	3	0	0	0	3	0	0	2	2
6	2	0	0	0	0	0	2	2	2	3	3	3	2	3	3	2	3	3	2	3	3	2	2	2	2
7	3	4	3	2	4	3	4	5	4	3	3	2	3	2	2	3	2	-	0	2	2	3	3	3	3
8	3	1	0	0	2	2	3	4	3	3	3	3	3	3	3	2	1	1	2	2	0	3	2	2	
9	3	2	0	0	1	0	0	0	0	1	0	1	0	1	2	2	0	2	0	1	0	2	3	1	1
10	2	0	0	0	1	0	0	2	2	0	0	2	0	2	2	2	1	0	0	0	1	1	2	2	1
11	2	1	2	0	0	1	3	7	5	2	2	2	1	2	2	2	3	0	2	3	3	4	4	2	2
12	0	0	0	2	2	3	2	3	2	3	2	1	2	0	2	2	2	0	2	1	0	2	1	1	1
13	2	0	0	2	3	2	4	4	4	3	2	3	2	3	1	1	0	0	1	2	3	5	3	1	2
14	4	4	2	2	2	2	4	5	2	3	3	2	3	4	2	2	2	2	3	3	4	3	0	3	3
15	1	2	2	2	1	1	3	3	3	2	---	2	2	0	2	2	2	0	2	1	1	0	1	0	2
16	0	0	0	0	0	0	0	2	1	0	1	2	1	0	1	0	1	0	2	5	4	4	3	2	1
17	1	2	2	2	2	3	3	3	3	3	2	1	0	2	0	0	0	2	0	2	1	3	1	2	2
18	1	2	1	3	0	0	2	2	2	2	---	---	---	2	2	3	3	5	3	3	2	2	1	1	2
19	2	2	2	2	2	2	2	3	4	4	3	4	2	0	2	3	3	2	2	3	3	2	2	2	2
20	1	0	3	2	2	3	---	3	2	3	3	2	3	2	3	3	3	2	2	2	1	2	5	4	2
21	3	3	-	---	2	1	3	5	4	3	3	1	4	3	2	2	3	3	3	1	2	2	2	2	3
22	2	2	2	2	1	2	2	2	3	2	3	3	3	3	2	1	2	2	2	3	5	4	3	4	3
23	3	2	2	3	2	5	6	5	3	3	2	2	2	2	2	2	3	2	2	3	5	4	3	3	3
24	4	5	2	2	2	3	3	3	3	3	2	2	2	1	0	0	0	1	3	1	0	1	2	5	2
25	2	0	2	2	2	---	3	9	4	4	0	2	---	2	2	1	4	0	3	2	3	4	3	3	3
26	2	2	1	2	2	2	3	-	5	2	2	3	3	5	4	3	3	3	3	3	3	4	3	3	3
27	3	2	3	3	2	3	4	5	3	3	4	4	4	3	3	3	3	3	3	4	5	4	3	3	3
28	3	1	0	0	0	0	0	1	2	1	2	2	2	6	17	14	2	2	2	3	3	2	3	3	3
29	2	3	2	3	3	3	5	6	8	6	6	6	4	4	4	3	5	5	3	2	5	3	4	4	4
30	4	5	4	3	3	3	3	4	4	5	3	3	2	1	3	5	3	3	3	2	2	3	3	2	3
31	2	3	2	2	2	5	2	2	2	2	1	2	2	2	3	2	2	2	2	3	4	2	2	2	2
MEAN	2	2	2	2	2	2	3	4	3	3	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2.3

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - WC NO 27049 MURRAY/BUCHANAN AV. NIAGARA FALLS														MONTH - SEP 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	0	0	2	1	1	0	1	1	0	0	1	1	3	2	3	2	2	2	0	0	1	0	0	
2	0	0	0	0	0	0	1	1	1	1	----	2	1	0	0	0	2	2	1	1	2	3	2	2	1
3	1	1	2	3	3	4	3	2	1	1	2	1	1	0	0	2	0	2	2	2	3	0	3	4	2
4	4	6	5	4	4	3	4	5	4	2	2	2	2	0	2	3	2	3	4	-	4	5	4	1	3
5	2	3	0	0	1	1	3	3	2	2	0	2	2	1	0	1	0	0	1	3	3	3	3	3	2
6	3	4	4	3	3	4	13	3	3	3	3	2	2	3	3	1	1	0	0	2	2	3	1	2	3
7	2	2	2	2	3	2	3	3	1	1	0	0	0	0	0	0	0	0	0	2	0	1	2	4	1
8	2	0	0	2	1	2	2	3	3	2	2	2	0	0	3	1	2	2	1	2	2	1	3	4	2
9	4	2	2	2	2	2	2	8	2	3	3	3	3	3	3	3	0	0	0	0	0	0	0	0	2
10	0	0	0	0	2	0	2	2	2	2	0	0	0	0	1	0	0	0	0	0	1	2	2	2	1
11	1	0	0	0	1	2	0	3	3	2	2	2	2	1	2	2	2	0	2	2	2	2	2	3	2
12	2	3	3	3	4	4	2	3	2	1	2	2	2	2	2	0	0	3	0	1	0	1	0	0	2
13	2	0	1	1	0	0	0	2	3	2	4	7	6	6	5	3	5	5	4	3	5	5	4	2	3
14	0	0	0	0	0	0	0	0	1	0	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	-	0	0	----	0	0	0	0	0	0	0	0	0	2	0	2	2	0
16	2	4	4	3	2	0	0	0	2	2	2	1	2	7	2	2	2	2	2	3	2	2	2	2	2
17	2	2	2	2	2	2	2	0	2	2	2	0	2	1	0	1	0	0	2	0	1	0	0	0	1
18	0	0	0	0	0	1	2	6	2	2	2	0	0	0	0	0	0	1	3	2	3	1	0	0	1
19	2	4	2	2	2	2	3	3	3	2	3	2	3	2	3	3	3	3	2	3	3	5	3	10	3
20	7	3	3	4	4	4	3	3	3	4	3	3	2	3	3	3	3	3	2	4	3	4	3	3	3
21	3	4	4	4	3	3	3	3	2	2	2	1	1	1	1	1	2	1	0	0	0	0	0	1	2
22	0	0	0	0	0	0	1	2	3	2	1	4	3	4	2	2	0	0	2	2	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	2	4	3	2	1	0	1
24	2	0	2	2	0	0	3	2	0	0	0	0	2	1	1	1	0	0	1	2	2	1	0	2	1
25	3	3	2	3	8	5	3	4	7	5	3	3	----	2	3	2	2	2	2	4	6	3	2	3	3
26	0	0	0	2	0	5	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	-	2	2	3	2	1	0	0	0	0	0	0	0	0	0	1	2	0	1	1
28	2	2	2	2	2	2	1	3	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	1
29	0	0	1	1	2	2	4	11	3	4	7	4	----	0	2	3	3	3	4	9	6	4	4	3	3
30	4	4	4	2	2	3	3	6	3	3	3	5	2	3	3	-	3	3	2	4	4	4	3	4	3
MEAN	2	2	2	2	2	2	2	3	2	2	2	2	1	2	1	1	1	1	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - WC NO 27049 MURRAY/BUCHANAN AV. NIAGARA FALLS														MONTH - OCT 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	3	2	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3
2	3	2	0	0	0	2	2	3	0	0	0	0	0	0	0	-	----	0	3	3	3	4	2	2	1
3	5	4	3	4	4	0	5	7	3	2	2	2	1	2	3	2	3	2	0	2	0	1	0	2	2
4	0	0	0	0	0	1	0	1	2	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1	2	2	4	4	3	3	1
6	1	2	3	3	2	3	5	6	3	3	0	1	----	0	2	2	2	-	2	2	2	2	2	2	2
7	2	2	0	0	1	0	2	4	7	4	4	3	3	2	2	3	2	3	3	3	2	3	3	2	3
8	2	2	3	2	2	2	2	3	2	-	-	3	3	3	3	3	3	3	4	5	2	1	1	0	2
9	0	0	0	1	0	1	1	2	0	0	0	0	0	0	0	1	0	2	0	3	2	1	4	2	1
10	2	4	4	0	2	0	0	2	3	5	3	2	1	0	2	1	2	4	5	5	5	5	5	3	3
11	4	5	4	4	4	4	4	4	0	2	3	3	3	2	2	2	0	1	0	0	0	0	0	0	2
12	0	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	3	4	3	2	2	0	1	2	0	0	0	0	0	1	2	2	1	1
15	2	3	2	3	3	3	9	3	4	4	3	2	2	3	3	3	3	2	2	4	4	5	3	3	3
16	3	4	6	5	4	5	7	9	6	6	4	4	3	9	7	8	7	7	6	7	8	6	9	6	6
17	10	9	8	6	6	4	5	----	7	6	5	3	4	4	4	2	3	3	3	3	2	3	2	2	5
18	2	1	0	0	0	0	0	0	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	2	3	2	0	0	2	2	3	0	0	0	0	2	2	2	2	1	1	1
21	2	0	0	0	0	0	0	2	0	1	2	1	0	0	1	0	0	0	0	1	0	2	1	3	1
22	1	1	0	0	2	1	1	3	2	1	1	0	1	0	0	0	0	0	1	4	0	0	0	0	1
23	0	0	0	0	0	0	2	3	2	2	2	2	0	0	2	0	0	0	2	-	-	3	4	4	1
24	3	3	1	3	2	2	0	16	6	6	4	4	-	4	3	2	1	1	2	1	0	1	2	2	3
25	2	1	1	0	4	0	2	2	0	2	-	2	0	0	3	3	0	----	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	1	0	5	-	0	0	0	0	0	0	2	2	2	2	2	3	3	2	1
28	2	3	1	3	2	3	3	5	6	6	3	2	1	0	3	3	0	0	0	2	0	2	0	2	2
29	0	1	0	0	0	2	0	2	2	-	-	-	-	-	-	-	1	2	1	0	1	2	2	3	1
30	3	1	0	0	0	0	0	1	2	0	1	4	1	2	2	2	2	2	3	3	3	3	3	2	2
31	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	0	0	-	0	2
MEAN	2	2	1	1	1	1	2	3	3	2	2	2	1	1	2	1	1	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 97.2

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 2.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - WC NO 27049 MURRAY/BUCHANAN AV. NIAGARA FALLS														MONTH - NOV 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0
2	1	0	0	0	0	0	0	0	0	2	1	0	0	0	1	1	0	3	2	5	4	4	5	3	3
3	4	3	4	-	2	2	2	4	3	4	4	4	3	3	0	4	3	3	2	3	3	3	3	4	3
4	2	3	2	2	2	2	2	2	2	2	2	2	2	3	2	3	3	2	2	2	0	0	0	1	0
5	0	1	0	0	0	0	0	2	1	2	0	1	1	0	0	2	2	2	0	1	1	2	2	4	2
6	3	2	0	1	0	0	1	1	3	1	1	1	2	2	3	3	2	2	3	3	3	3	3	2	2
7	2	2	2	2	2	2	3	3	5	4	4	4	4	4	6	3	4	4	5	6	5	6	5	3	4
8	0	0	0	0	1	0	0	0	0	0	0	0	1	2	2	0	0	1	2	-	-	-	3	4	1
9	4	4	1	2	3	2	3	3	4	5	-	5	5	3	2	2	0	0	0	1	0	0	0	0	2
10	0	0	0	0	0	0	0	0	1	0	8	0	0	1	1	0	2	0	1	0	0	0	0	0	1
11	0	1	0	0	0	0	0	0	2	2	0	2	0	0	0	0	2	2	0	2	0	2	0	0	1
12	0	0	1	0	0	0	0	0	2	2	0	2	2	2	4	1	2	3	3	4	4	4	4	4	2
13	3	***	***	3	2	2	3	3	4	3	3	3	4	4	4	6	5	4	5	5	5	5	5	9	4
14	9	7	8	7	6	6	5	6	4	3	2	3	3	2	2	1	2	2	2	1	12	0	0	0	4
15	0	0	0	0	1	0	0	0	2	2	2	1	1	1	2	2	3	3	2	1	2	0	3	3	1
16	2	0	0	0	0	0	0	0	2	2	0	2	0	1	0	1	0	2	1	2	3	2	2	3	1
17	5	6	2	0	3	2	3	5	4	4	-	4	4	2	0	2	3	4	4	4	2	3	12	6	4
18	***	3	5	4	3	1	0	2	0	0	0	0	0	2	3	3	3	2	1	1	2	0	0	0	2
19	1	0	0	1	0	1	0	1	3	2	3	1	2	3	3	4	6	6	5	3	4	3	4	4	3
20	3	4	3	4	3	3	5	6	7	6	6	5	5	5	3	3	3	4	4	5	5	6	5	6	5
21	5	4	5	4	5	3	5	4	4	4	4	3	2	2	2	1	0	0	0	0	0	0	0	0	2
22	0	0	0	0	0	0	0	1	2	2	1	2	2	2	2	2	2	2	3	3	3	4	4	3	2
23	4	3	4	3	4	3	3	3	3	3	4	3	2	4	3	3	3	4	3	4	4	4	3	4	3
24	3	4	4	4	4	4	4	4	4	5	4	6	7	4	5	5	7	8	5	3	2	3	1	4	4
25	0	0	0	0	0	0	0	0	2	2	2	1	1	1	2	0	2	2	1	2	2	2	2	2	1
26	3	3	2	2	3	2	2	4	6	3	2	1	2	1	2	3	4	9	8	10	12	11	9	6	5
27	-	2	3	3	3	3	4	3	4	3	1	0	3	2	2	0	0	2	2	2	2	2	0	0	2
28	1	0	2	0	0	0	0	1	0	2	0	2	1	3	2	2	3	3	2	3	0	2	2	1	1
29	0	1	2	0	0	0	0	0	1	2	1	2	2	1	2	2	1	2	1	2	2	0	0	1	1
30	2	0	0	0	0	1	1	0	2	0	2	0	0	0	2	0	2	2	0	1	2	2	1	2	1
MEAN	2	2	2	1	2	1	2	2	3	2	2	2	2	2	2	2	2	3	2	3	3	2	3	2	2.1

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 1.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH																																					
POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT																							
STATION - WC NO 27049														MURRAY/BUCHANAN AV. NIAGARA FALLS														MONTH - DEC 80									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN												
1	1	1	2	0	0	1	2	2	3	3	***	3	3	3	9	0	4	5	6	7	6	7	6	5	3	3											
2	7	4	3	4	3	5	6	5	4	5	***	3	3	4	3	3	2	0	0	0	0	4	3	8	4	4											
3	9	9	2	0	0	0	0	2	2	2	0	2	2	0	3	1	2	2	2	2	2	3	4	4	2	2											
4	5	5	4	3	2	1	0	0	3	0	0	***	***	2	2	1	3	2	3	0	3	-	3	7	2	2											
5	5	8	6	5	6	6	8	7	6	5	3	4	2	3	3	3	3	3	3	3	3	4	4	6	5	5											
6	4	6	5	4	4	5	3	4	0	4	4	2	5	5	4	5	4	4	4	4	4	5	4	3	7	7											
7	8	7	7	9	10	11	12	9	9	7	10	8	8	7	7	7	6	5	4	4	4	5	4	3	7	7											
8	4	2	2	3	3	3	3	3	5	4	-	2	4	4	3	3	1	0	0	2	0	1	2	0	2	2											
9	0	0	0	1	0	2	1	3	5	3	2	2	2	0	4	3	3	1	2	3	-	-	2	2	2	2											
10	1	0	2	0	0	1	0	1	2	2	2	0	2	0	2	0	2	2	2	2	1	0	1	0	2	1											
11	0	2	1	0	1	0	6	6	5	1	2	0	0	2	0	2	2	2	2	1	-	-	-	2	2	2											
12	2	0	2	2	2	2	3	3	4	2	7	5	***	3	3	3	5	4	4	3	3	4	2	3	2	3											
13	2	3	2	2	2	2	0	0	0	0	2	1	0	2	0	2	2	2	2	2	2	2	2	2	2	2											
14	1	1	0	2	0	2	1	0	0	2	1	0	0	2	0	0	0	2	1	3	2	3	0	0	1	1											
15	0	0	0	0	0	0	3	6	7	4	4	2	2	0	***	***	3	0	3	3	4	4	4	5	2	2											
16	4	5	3	3	2	3	3	4	4	3	3	2	4	3	3	2	2	3	2	2	2	2	2	2	3	3											
17	2	3	3	2	2	1	2	3	8	7	3	3	2	2	1	5	3	1	2	2	3	2	2	3	3	3											
18	***	***	2	1	3	3	2	3	3	1	2	2	0	2	1	0	2	0	0	2	0	-	-	-	2	2											
19	0	0	0	0	0	0	0	1	2	2	4	0	-	-	1	2	2	1	1	0	1	0	0	0	1	1											
20	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	2	2	0	0	0	1	0	0	0											
21	0	0	0	0	0	1	0	0	0	0	2	1	2	0	2	1	0	3	3	1	2	2	3	2	1	1											
22	2	2	2	3	2	2	4	5	7	5	4	***	3	3	1	1	1	3	2	2	3	3	5	5	3	3											
23	6	5	6	5	6	5	5	7	6	6	7	7	6	7	4	5	4	5	3	3	3	3	4	3	5	5											
24	5	4	4	4	4	5	5	5	5	5	3	0	2	2	2	2	0	0	0	1	0	0	2	2	3	3											
25	3	2	2	0	1	0	1	2	2	3	2	3	1	2	2	1	0	0	0	1	2	2	2	3	2	3											
26	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	3	2	4	5	4	4	2	3	2	2	2											
27	3	2	3	3	3	4	3	4	6	5	6	5	4	5	3	3	4	5	6	4	6	6	7	6	4	4											
28	6	8	6	6	6	6	4	5	5	11	7	6	***	11	7	7	6	4	4	3	4	3	2	2	5	5											
29	5	5	6	6	6	4	5	5	11	7	6	***	11																								
30	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	1	0	0	1	2	0	0											
31	0	0	0	0	0	0	0	3	5	2	0	2	2	2	2	0	2	3	2	0	3	3	2	-	1	1											
MEAN	3	3	2	2	2	2	3	3	4	3	3	2	3	3	3	2	2	2	2	2	3	3	3	3	2	2											

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 CONS/1000 FT

STATION - WC NO 27049 MURRAY/BUCHANAN AV. NIAGARA FALLS

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.9	4	11
FEB	29	2.4	6	18
MAR	31	2.5	6	15
APR	30	2.2	5	16
MAY	31	2.9	9	43
JUN	30	2.3	4	21
JUL	31	2.2	3	9
AUG	31	2.3	4	17
SEP	30	1.7	3	13
OCT	31	1.7	6	16
NOV	30	2.1	5	12
DEC	31	2.7	7	12
YEAR	366	2.2	9	43

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 CONS/1000 FT

STATION - WC NO 27049 MURRAY/BUCHANAN AV. NIAGARA FALLS

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	690	48	1	0	0	0	0	739
FEB	601	82	3	1	0	0	0	687
MAR	630	95	8	0	0	0	0	733
APR	656	44	0	1	0	0	0	701
MAY	600	122	7	1	1	0	1	732
JUN	619	59	0	1	1	0	0	680
JUL	698	29	0	0	0	0	0	727
AUG	685	43	1	1	0	0	0	730
SEP	681	29	2	0	0	0	0	712
OCT	673	49	0	1	0	0	0	723
NOV	637	68	4	0	0	0	0	709
DEC	582	134	4	0	0	0	0	720
YEAR	7752	802	30	6	2	0	1	8593

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.8	0	0.0	0.7	1.6	2.4	4.0	5.2	6.8	8.2	43	2.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - WC NO 29008 NORTH PARK HAMILTON														MONTH - JAN 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	4	2	2	2	2	3	4	3	6	3	3	2	3	3	4	3	3	3	3	4	2	4	3
2	3	8	8	8	10	12	11	13	11	10	10	15	13	13	---	4	4	1	2	0	2	0	0	2	7
3	4	0	1	2	2	2	0	1	2	3	2	3	2	---	---	5	2	3	3	2	3	3	2	4	2
4	3	2	4	2	3	4	6	8	9	7	5	2	0	0	2	2	1	0	0	0	0	0	1	0	3
5	0	2	0	0	3	2	1	2	3	3	2	2	0	2	2	2	2	2	3	3	2	2	2	3	2
6	4	4	3	3	3	4	3	3	3	4	2	3	3	3	3	3	3	4	4	4	6	4	7	6	4
7	7	7	6	5	6	9	11	10	---	---	---	4	9	11	12	5	11	12	11	6	9	10	11	8	9
8	8	8	8	7	5	6	11	9	10	11	9	9	9	10	10	8	11	10	10	12	9	11	10	11	9
9	12	11	7	7	10	8	11	14	15	11	10	10	10	9	7	7	7	6	11	4	4	7	10	11	9
10	12	6	5	11	8	11	13	11	6	2	2	3	4	2	3	5	8	3	1	4	3	4	8	7	6
11	6	6	5	5	12	9	9	8	8	9	8	8	8	8	10	0	9	6	5	9	11	11	8	9	8
12	10	10	9	9	14	6	3	5	8	8	8	8	9	6	4	5	7	8	10	6	6	8	8	5	0
13	6	5	8	5	3	2	3	3	3	3	2	2	3	3	3	4	3	3	6	5	4	5	4	4	4
14	6	4	4	9	10	8	11	16	16	17	14	---	13	15	14	16	13	5	4	5	6	5	3	3	9
15	3	2	2	3	4	4	6	6	6	8	10	6	2	2	2	2	1	0	0	0	1	2	1	2	3
16	1	2	2	1	2	2	2	3	1	2	2	2	3	3	2	2	2	3	3	3	4	4	4	6	3
17	6	6	6	6	6	6	5	8	---	0	4	3	7	6	---	7	4	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	15	13	13	15	12	7	7	6	4	3	5	11	7	---
19	7	11	4	0	1	0	2	1	2	3	2	2	3	1	3	1	3	5	3	5	3	9	9	---	3
20	0	0	0	0	0	0	0	0	0	0	2	0	0	1	1	1	0	2	0	1	0	2	7	6	1
21	7	10	12	7	2	7	7	13	13	12	12	8	10	11	12	10	13	11	14	11	14	12	12	14	11
22	12	9	9	8	10	10	10	11	13	14	16	14	11	14	13	13	15	13	12	13	13	15	13	12	12
23	11	10	2	3	3	3	6	11	---	---	---	6	6	9	7	5	5	4	4	7	2	2	5	7	6
24	4	4	9	10	13	10	10	11	1	9	7	8	7	8	9	9	9	9	6	6	6	5	5	5	8
25	6	6	7	9	11	6	15	14	18	12	10	6	4	7	5	8	14	10	11	10	6	7	8	14	9
26	13	11	12	11	10	8	11	10	9	11	9	6	6	9	7	5	4	5	10	6	5	3	4	4	8
27	5	5	7	3	2	2	3	9	5	7	7	4	2	3	3	2	4	7	9	9	6	5	7	11	5
28	10	10	10	10	14	12	14	17	14	11	9	10	10	---	15	8	9	10	10	8	12	10	11	9	11
29	10	11	---	---	---	---	---	---	---	10	0	11	14	13	12	9	9	9	5	6	3	5	3	5	8
30	3	2	2	4	3	2	8	4	2	8	4	7	9	11	11	9	7	7	7	7	4	3	5	5	6
31	4	3	8	6	8	5	2	2	6	7	2	0	7	4	2	2	4	4	5	7	4	0	2	3	4
MEAN	6	6	6	5	6	6	7	8	7	7	7	6	6	7	7	6	6	6	6	5	5	5	6	6	6.2

PERCENTAGE OF DATA VALID - 94.8 PERCENTAGE OF DATA INVALID - 5.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. --- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - WC NO 29008 NORTH PARK HAMILTON														MONTH - FEB 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	4	9	7	****	9	****	****	****	7	7	6	4	4	3	3	2	4	3	3	5
2	3	2	3	2	2	3	3	2	3	5	5	4	2	2	2	2	2	0	0	1	1	2	3	2	2
3	2	4	5	2	4	2	4	8	5	3	2	2	3	4	4	3	1	4	4	1	2	2	4	5	3
4	5	5	3	2	2	4	7	7	8	10	11	11	9	8	7	5	7	5	5	5	6	7	5	6	6
5	5	5	4	4	4	7	9	9	12	13	18	16	14	13	10	11	-	-	8	13	4	8	7	5	9
6	5	3	5	4	3	5	7	5	4	2	0	0	0	0	0	1	0	0	0	0	3	5	6	5	3
7	5	3	3	2	2	3	2	5	1	2	3	3	2	***	8	8	8	7	9	9	8	7	5	4	5
8	5	4	4	4	3	5	6	6	11	11	13	9	7	10	9	4	8	5	6	6	8	5	5	6	7
9	3	3	6	1	4	3	3	3	2	3	4	2	0	0	0	2	3	1	2	2	3	4	4	0	2
10	2	4	3	1	4	4	4	4	4	4	0	3	0	2	1	2	2	0	3	4	4	6	6	5	3
11	5	5	8	8	7	8	11	16	15	13	14	11	10	10	12	9	10	9	9	10	6	10	11	8	10
12	10	10	9	13	10	9	11	16	7	***	***	6	8	6	9	6	7	4	4	4	6	5	5	3	3
13	13	11	11	11	11	12	13	16	18	18	14	11	8	8	9	11	14	13	11	12	13	15	15	12	13
14	11	12	11	10	12	13	16	17	4	18	11	9	9	8	7	7	6	6	6	7	7	7	6	7	10
15	5	7	7	7	8	8	12	11	16	19	11	8	***	4	3	2	4	4	2	2	0	1	1	2	6
16	1	2	3	1	2	3	3	2	3	5	4	3	3	3	2	2	2	1	1	2	2	4	2	3	2
17	3	4	6	4	3	2	5	8	10	9	7	5	5	5	3	3	5	9	9	11	11	11	12	9	7
18	11	8	9	8	8	8	10	15	11	12	12	11	11	9	8	11	11	10	11	11	11	9	10	9	10
19	9	12	9	10	9	13	16	15	15	16	14	16	14	16	14	13	16	16	13	15	11	10	10	6	13
20	6	5	10	7	10	9	14	13	8	8	7	7	8	21	22	20	18	17	17	14	12	11	12	13	12
21	15	14	13	13	12	11	15	17	27	22	10	17	8	4	5	5	6	0	2	2	0	0	0	0	9
22	0	1	0	1	4	2	1	2	3	2	3	1	4	4	5	4	6	5	12	11	14	12	6	4	4
23	2	3	1	1	2	2	4	5	1	2	1	1	1	3	2	2	3	0	4	4	4	7	5	7	3
24	5	8	6	11	11	11	7	7	10	9	3	5	3	3	7	5	5	4	5	6	6	7	8	7	7
25	4	6	3	2	4	7	11	9	13	4	***	2	3	2	3	0	3	2	2	0	0	0	2	0	4
26	1	0	2	3	3	3	5	7	9	5	3	7	7	10	7	7	8	11	8	7	8	9	5	5	8
27	8	9	9	7	9	8	9	13	13	13	12	9	6	8	7	11	***	6	4	3	3	3	4	3	8
28	3	3	4	5	2	1	3	1	2	3	6	2	6	2	4	2	4	3	5	5	4	16	4	3	4
29	2	4	3	4	3	4	7	8	9	8	7	9	13	7	7	8	5	4	3	4	4	3	4	3	6
MEAN	5	6	6	5	6	6	8	9	9	9	8	7	6	6	6	6	6	5	6	6	6	6	6	6	6.4

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. --- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX											UNITS - 0.1 COMS/1000 FT														
STATION - WC NO 29008 NORTH PARK HAMILTON											MONTH - MAR 80														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	5	4	4	2	2	3	4	5	3	0	1	3	3	2	***	0	2	2	5	8	6	7	3
2	5	5	6	4	5	3	2	2	3	4	4	3	2	2	0	2	2	2	2	3	6	10	14	12	4
3	12	10	13	9	7	10	12	16	19	15	10	12	12	10	10	12	10	10	11	9	10	10	10	13	11
4	10	10	9	8	9	11	13	15	16	12	12	13	11	***	11	11	11	10	14	12	13	15	12	10	12
5	8	9	7	8	5	5	5	6	5	5	8	7	15	25	16	10	6	4	3	4	2	6	7	9	8
6	6	2	3	2	5	8	10	12	***	9	9	8	8	7	8	8	9	9	9	11	10	9	8	9	8
7	5	12	10	11	14	9	10	13	13	13	11	12	12	12	11	8	11	9	2	2	3	4	3	3	9
8	3	3	3	3	3	3	3	3	3	3	3	2	2	5	4	3	7	4	4	5	5	6	2	2	4
9	5	5	3	4	10	9	11	7	6	4	5	5	7	10	6	7	7	8	9	9	10	9	10	8	7
10	8	6	7	10	9	10	12	15	16	13	12	10	12	12	11	11	12	12	10	10	4	2	2	1	9
11	2	2	6	8	7	8	10	10	8	7	8	7	6	6	7	4	4	4	2	3	2	3	2	2	5
12	2	5	1	0	2	4	7	9	2	3	7	1	0	2	2	2	2	2	2	2	2	0	2	1	1
13	0	3	0	0	2	0	0	0	2	0	0	***	0	2	2	2	2	2	3	3	2	5	1	2	1
14	3	4	3	3	3	12	16	11	***	***	8	6	7	6	8	5	3	3	9	3	3	2	2	2	6
15	1	0	1	2	0	1	2	2	3	2	2	1	2	2	1	2	2	0	3	3	3	2	3	0	2
16	4	5	2	1	1	2	1	0	0	0	0	2	0	0	1	1	1	0	3	6	3	2	3	0	2
17	2	0	2	2	2	6	5	7	***	14	14	13	12	15	15	11	12	10	13	12	3	3	4	0	8
18	3	2	0	0	2	2	3	4	5	5	5	4	5	6	4	5	5	7	9	10	11	11	10	5	10
19	13	10	11	8	9	11	13	15	***	***	12	12	12	12	9	10	12	12	11	6	6	4	4	4	10
20	11	11	11	9	9	15	15	19	17	17	15	14	13	***	***	12	11	14	13	6	4	4	4	8	11
21	5	6	5	5	5	4	4	5	4	***	0	3	16	17	9	5	4	5	3	2	3	2	2	0	5
22	3	2	0	3	0	1	3	2	3	4	3	2	3	3	3	3	3	3	3	4	5	6	4	3	3
23	3	2	2	3	3	4	2	2	3	3	3	2	4	3	4	3	3	3	2	2	2	1	0	2	3
24	2	1	0	2	2	0	2	3	***	***	2	2	2	2	2	3	2	3	2	3	1	7	4	4	2
25	4	5	6	3	3	4	7	10	8	8	6	7	7	5	6	6	7	6	4	6	5	5	7	4	6
26	4	4	5	3	4	7	11	11	9	3	2	2	2	2	0	1	0	0	6	10	9	7	5	4	5
27	5	3	6	3	3	3	6	6	7	5	5	4	3	2	3	2	1	2	0	1	2	2	1	3	3
28	2	4	5	3	5	7	8	8	7	7	7	3	3	3	3	5	13	2	2	3	10	4	3	0	5
29	5	16	9	5	3	3	2	3	3	3	5	3	***	4	5	4	2	12	0	6	4	4	3	7	5
30	6	6	4	2	2	3	11	***	3	15	***	2	1	2	0	0	1	0	0	0	0	0	0	0	3
31	0	2	0	0	2	3	0	2	2	***	***	0	0	2	4	0	0	3	***	2	0	7	0	4	2
MEAN	5	5	5	4	5	5	7	7	7	7	6	5	6	6	6	5	5	5	5	5	5	5	4	4	5.4

PERCENTAGE OF DATA VALID - 97.3

PERCENTAGE OF DATA INVALID - 2.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX											UNITS - 0.1 COMS/1000 FT														
STATION - WC NO 29008 NORTH PARK HAMILTON											MONTH - APR 80														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	3	2	6	4	5	5	6	6	5	3	3	1	2	4	2	2	2	8	9	6	9	9	4
2	10	16	14	***	***	9	17	13	7	15	15	14	16	13	3	7	10	11	12	13	7	2	3	4	11
3	3	5	2	2	4	3	6	5	4	9	2	0	0	0	0	0	0	0	0	2	0	0	2	0	2
4	0	0	1	0	3	0	6	7	7	7	6	7	6	5	6	3	2	0	0	0	3	0	0	2	3
5	0	0	0	0	0	0	0	0	2	2	3	3	3	2	2	3	0	1	3	3	12	12	4	4	2
6	10	7	7	3	5	2	2	3	2	2	2	0	0	2	4	2	0	2	1	0	0	0	0	0	2
7	0	2	2	2	0	0	3	3	2	2	2	2	1	8	9	5	3	2	0	9	8	9	3	2	3
8	3	5	6	2	4	4	13	3	0	1	0	5	3	0	8	0	3	4	0	2	6	8	4	-	4
9	3	3	5	5	7	8	17	16	0	4	17	11	10	10	13	12	9	4	2	0	2	0	***	***	7
10	***	***	***	***	***	***	***	***	***	***	***	***	7	7	5	6	6	6	4	3	4	4	4	4	***
11	5	8	6	8	4	6	9	7	7	7	7	9	7	8	7	6	5	5	5	4	5	4	3	4	4
12	3	2	3	2	2	3	4	3	2	3	2	3	5	5	5	6	2	1	0	0	2	4	3	3	3
13	3	0	0	0	2	3	5	4	0	2	2	3	0	2	0	2	0	0	0	0	0	0	0	1	1
14	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	7	5	3
15	2	3	3	***	***	***	***	***	***	***	8	8	9	***	5	7	10	9	7	8	7	3	***	***	***
16	2	1	2	2	3	3	6	7	6	8	9	8	7	6	7	7	5	3	4	3	3	2	4	4	5
17	4	4	3	4	4	5	6	11	10	9	11	12	8	***	9	6	6	8	7	6	7	7	9	7	7
18	8	9	10	16	15	10	11	13	14	16	4	3	4	3	2	2	0	6	9	7	6	4	4	4	8
19	4	3	8	7	7	9	7	9	7	4	6	3	4	4	4	7	6	6	6	6	***	8	10	8	6
20	13	10	5	8	7	5	9	6	5	4	3	3	3	3	2	3	2	0	9	10	1	3	3	0	5
21	2	6	7	4	6	6	13	8	2	1	2	3	2	0	4	14	14	6	3	2	20	-	-	10	6
22	22	15	16	9	9	8	7	6	3	1	0	0	1	-	0	0	0	0	0	1	1	0	-	1	5
23	1	1	0	0	0	0	2	2	0	1	2	2	2	1	0	1	2	8	7	8	9	6	8	7	3
24	8	2	4	7	6	2	5	14	3	0	2	***	***	2	2	2	0	2	4	2	2	1	2	3	3
25	2	2	3	4	3	4	18	16	18	19	17	4	6	3	14	10	11	11	9	8	11	18	12	12	10
26	9	11	8	10	9	8	10	6	6	4	2	3	3	2	1	2	2	1	5	2	5	3	8	9	5
27	6	7	5	3	3	3	3	2	3	3	2	2	3	4	2	2	2	2	2	2	1	3	3	3	3
28	3	3	3	3	3	3	4	1	2	2	2	2	2	0	0	0	0	0	0	0	0	0	1	0	1
29	0	0	0	1	0	0	0	0	0	0	0	0	0	2	1	2	2	1	2	2	3	3	3	2	1
30	3	3	3	2	3	2	1	***	1	3	3	3	3	0	3	3	4	4	12	-	18	4	4	14	4
MEAN	5	4	4	4	4	4	7	6	4	5	5	4	4	3	4	4	4	4	4	4	5	4	4	4	4.4

PERCENTAGE OF DATA VALID - 94.7

PERCENTAGE OF DATA INVALID - 4.3

PER

POLLUTANT - PARTICULATES - SOILING INDEX											UNITS - 0.1 COHS/1000 FT														
STATION - WC NO 29008 NORTH PARK HAMILTON											MONTH - MAY 80														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	19	15	10	6	16	24	****	17	11	4	4	3	4	****	-	12	3	16	18	25	11	19	9	13
2	5	9	19	14	20	18	19	21	25	23	16	13	7	5	5	5	21	7	10	9	11	9	8	12	13
3	10	9	25	17	12	11	7	10	10	10	12	14	10	8	7	4	3	4	4	3	4	****	6	4	9
4	7	4	4	8	10	8	7	5	6	1	2	0	2	4	4	5	7	11	21	25	25	10	10	8	
5	22	13	18	21	10	17	33	0	****	19	17	18	15	19	15	16	15	22	16	14	11	7	9	5	15
6	7	5	5	5	7	10	9	13	13	13	15	2	1	1	0	2	6	8	6	4	7	10	6	4	7
7	5	6	7	9	9	8	13	6	7	7	7	6	7	12	11	8	6	5	3	7	11	7	9	8	7
8	13	10	11	13	23	21	16	9	7	12	11	10	11	12	13	13	13	7	5	5	4	3	2	4	10
9	5	3	3	3	4	9	11	****	****	9	10	8	7	10	6	9	4	3	5	3	5	5	5	9	6
10	9	8	13	7	11	9	6	7	7	4	0	3	7	5	5	6	4	4	5	2	4	2	2	3	6
11	4	8	6	3	5	3	3	2	5	9	8	8	6	4	3	3	3	3	3	3	2	5	2	2	4
12	2	2	3	2	2	2	2	0	****	0	0	3	0	0	2	2	2	1	****	4	34	5	3	4	3
13	5	0	2	5	4	4	4	5	3	3	4	2	0	0	0	0	0	0	2	6	3	1	2	0	0
14	0	1	3	0	2	0	7	14	20	17	15	13	8	13	10	9	6	5	5	3	4	4	3	-	7
15	5	3	3	3	6	8	10	12	11	12	12	11	10	10	8	12	7	7	5	6	8	6	5	6	8
16	6	5	5	5	5	8	13	20	15	8	3	2	2	0	0	2	1	3	0	3	4	15	13	8	6
17	6	4	4	2	5	5	5	6	4	3	3	3	3	3	5	3	3	3	3	2	4	3	3	3	4
18	2	2	2	2	2	2	1	2	4	1	9	9	5	6	-	3	3	3	0	3	2	7	4	0	3
19	3	2	1	3	2	2	2	2	0	0	6	0	0	1	4	0	0	0	3	0	7	0	6	2	2
20	4	2	3	2	2	2	3	0	0	0	0	3	3	2	2	2	3	2	2	2	2	1	2	3	2
21	2	2	3	2	4	5	5	5	5	5	4	4	3	4	4	8	9	10	11	15	16	19	14	17	7
22	15	15	12	13	26	28	21	20	22	****	22	16	15	13	15	14	10	12	13	14	19	15	10	19	16
23	18	17	21	23	16	27	21	20	22	13	8	10	7	10	9	7	7	8	7	4	10	9	21	23	14
24	14	15	17	13	10	4	4	4	3	5	5	5	6	3	3	3	4	4	3	4	5	10	7	5	7
25	3	3	3	3	3	2	3	2	3	2	2	1	2	2	0	3	0	4	0	0	1	1	2	****	2
26	****	****	****	****	****	****	****	****	****	****	0	0	0	****	****	0	1	2	0	2	3	6	3	4	****
27	1	****	5	3	4	8	10	9	3	4	3	1	2	3	9	9	6	5	7	5	6	8	7	4	5
28	6	3	3	2	2	6	4	3	3	2	2	4	****	7	2	1	2	0	2	3	0	2	0	1	3
29	0	0	1	0	0	2	0	1	1	2	0	1	2	****	2	3	0	2	0	2	0	2	0	0	1
30	0	0	0	0	0	0	0	0	0	0	3	2	0	0	2	12	11	13	8	9	8	8	6	7	8
31	3	5	7	6	6	9	9	8	9	6	7	6	7	7	4	2	4	8	1	0	0	0	0	0	5
MEAN	7	6	7	7	7	8	9	7	8	7	7	6	5	6	6	6	6	5	5	6	8	7	6	6	6.5

PERCENTAGE OF DATA VALID - 96.6

PERCENTAGE OF DATA INVALID - 3.0

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - WC NO 29008 NORTH PARK HAMILTON													MONTH - JUN 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	1	1	0	2	1	0	1	0	0	2	0	0	3	1	1	1
2	1	0	0	0	2	1	0	1	***	0	1	0	1	***	4	2	8	8	8	12	2	2	2	2	3
3	2	2	2	2	1	1	2	2	3	6	5	4	0	7	7	7	5	5	7	4	5	5	4	5	4
4	3	3	3	3	2	6	2	0	0	4	4	2	6	5	9	7	6	1	0	3	6	5	7	5	4
5	4	3	2	0	2	2	0	2	2	***	***	0	2	1	***	3	2	2	3	3	4	3	2	2	2
6	1	0	1	3	2	3	2	4	2	0	8	3	2	2	2	2	2	3	6	4	6	4	5	5	3
7	4	2	2	0	2	1	2	1	4	1	0	0	11	5	3	4	4	3	2	2	2	1	1	2	2
8	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	3	9	1
9	13	9	8	6	10	11	12	15	12	9	7	***	11	6	7	7	5	4	3	3	2	3	5	7	7
10	10	11	4	2	3	5	7	9	8	15	8	7	6	6	6	6	5	4	7	8	9	4	3	4	7
11	3	3	2	3	4	6	9	11	***	***	***	9	3	7	0	0	1	5	6	5	3	2	5	5	5
12	7	7	6	8	8	8	17	***	***	***	6	3	4	5	11	10	10	9	9	9	5	10	12	8	8
13	10	8	9	8	10	14	14	13	14	-	14	8	12	12	11	9	***	***	12	15	13	14	10	12	12
14	9	11	13	10	***	***	***	***	***	***	6	8	6	6	8	8	9	8	7	9	19	16	8	6	9
15	7	13	11	12	12	9	6	11	13	5	6	5	4	0	0	0	0	0	0	0	0	0	0	0	5
16	0	0	0	0	1	0	0	2	2	2	0	1	0	1	1	2	2	6	4	0	3	2	2	3	1
17	2	2	3	6	5	10	18	12	7	8	12	8	7	6	9	9	7	6	5	7	11	8	9	11	8
18	10	6	7	10	17	11	12	14	14	13	***	***	14	15	13	14	7	5	5	6	5	3	5	6	10
19	2	2	3	3	3	3	3	4	5	4	4	2	2	3	3	3	3	3	7	13	6	2	3	7	4
20	11	9	3	4	3	6	7	8	7	7	9	8	8	8	8	7	9	6	5	5	6	7	4	5	7
21	14	9	3	4	3	5	2	4	5	6	6	7	5	3	3	4	4	5	3	3	11	14	5	5	6
22	14	6	9	7	10	6	6	5	7	5	3	3	5	4	3	5	4	5	4	5	8	11	14	12	7
23	10	12	12	13	15	18	19	17	21	19	24	9	8	11	16	15	12	13	11	12	15	17	13	22	15
24	21	12	14	14	17	14	12	11	10	10	8	10	7	8	6	6	-	15	10	13	15	18	11	19	12
25	18	24	16	13	15	23	21	21	25	16	10	6	4	4	17	14	11	14	13	14	19	15	20	16	16
26	17	22	16	13	15	22	25	22	19	18	17	17	18	17	18	16	14	14	14	12	8	4	3	8	15
27	10	14	8	9	12	20	17	8	5	4	4	3	0	4	4	3	5	3	2	0	1	3	2	3	6
28	2	2	6	0	2	0	1	0	1	0	0	0	0	0	0	0	2	0	2	4	1	0	0	0	1
29	1	2	0	2	***	***	***	1	3	2	2	2	0	1	2	1	2	3	7	4	3	10	4	3	3
30	4	4	3	3	3	4	5	6	5	6	6	7	7	7	5	6	6	5	5	4	5	7	4	5	5
MEAN	7	7	6	5	6	7	8	7	7	7	6	5	5	5	6	6	6	5	5	6	6	6	5	7	6.2

PERCENTAGE OF DATA VALID - 96.0</

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX										UNITS - 0.1 COMS/1000 FT															
STATION - WC NO 29008 NORTH PARK HAMILTON										MONTH - JUL 80															
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	10	8	8	11	15	10	9	11	9	9	8	7	8	8	9	7	8	9	10	9	8	9	9	9
2	10	8	10	11	10	15	17	20	5	5	5	3	3	3	2	3	2	3	2	3	3	2	6	3	6
3	4	3	3	4	5	3	4	5	4	4	4	3	0	1	2	1	7	0	6	9	11	11	9	9	5
4	6	11	17	16	9	12	12	24	24	21	15	8	7	7	5	5	6	6	10	12	12	6	9	5	11
5	13	6	6	5	4	4	6	7	15	15	8	7	7	9	5	4	3	3	1	0	2	1	0	0	5
6	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	1	3	2	0	0	0	2	4	7	1
7	6	5	3	6	6	17	17	14	15	15	16	14	14	12	13	10	1	10	11	14	11	11	11	18	11
8	12	12	8	9	10	5	14	18	18	19	2	10	12	16	14	13	13	13	0	2	3	15	7	2	10
9	11	2	11	9	3	12	9	10	10	0	0	0	0	2	5	16	13	8	7	0	5	36	12	16	11
10	10	6	15	16	18	16	24	33	18	13	10	9	7	8	8	9	13	18	15	21	15	17	18	21	18
11	21	15	11	18	27	23	24	27	27	19	16	13	13	13	12	13	17	9	8	7	3	8	5	5	15
12	3	2	2	2	4	5	5	4	3	2	1	3	4	3	3	3	3	4	2	1	2	7	4	2	7
13	2	3	2	1	0	1	3	2	2	0	1	0	0	0	0	2	3	5	8	9	11	11	6	6	3
14	6	8	6	9	15	16	15	17	17	18	16	18	13	13	13	13	13	13	13	13	13	13	13	13	13
15	10	8	8	7	10	15	18	15	15	11	15	15	14	16	24	4	4	3	3	3	3	3	3	3	3
16	10	10	15	15	10	14	16	14	13	15	13	14	13	11	13	12	10	8	8	8	8	8	8	8	8
17	6	7	7	7	11	10	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
18	6	6	9	8	4	10	8	6	7	10	10	10	10	9	8	9	9	9	9	9	9	9	9	9	9
19	6	7	8	7	6	7	6	9	7	9	8	4	6	3	5	5	8	7	9	9	8	10	7	10	7
20	10	10	3	2	0	18	18	17	20	14	3	10	13	15	13	10	11	9	7	8	5	5	3	3	9
21	7	5	3	4	8	9	10	20	13	19	20	16	18	17	13	16	10	10	16	10	7	-	-	-	12
22	3	3	5	5	3	3	7	7	7	7	7	7	8	8	7	7	3	3	0	1	3	5	8	10	5
23	7	7	11	8	8	11	11	16	18	16	9	7	14	14	4	2	11	3	8	13	11	7	12	16	10
24	14	6	10	11	12	14	19	17	17	15	15	15	15	14	13	14	11	10	9	11	10	13	8	9	12
25	7	7	12	16	11	6	7	9	5	4	3	4	5	5	7	3	4	4	2	3	3	4	2	6	6
26	4	3	4	6	8	5	5	4	3	3	4	3	3	4	2	3	3	3	3	3	4	3	3	3	4
27	4	0	0	2	0	1	2	2	4	7	3	5	15	19	-	9	12	9	9	-	-	-	-	11	6
28	6	4	6	5	7	9	10	19	22	6	9	13	18	15	13	9	11	14	13	11	10	12	10	8	11
29	7	7	7	8	11	10	12	14	11	13	16	13	13	14	9	11	12	13	8	10	8	7	6	7	10
30	9	7	7	10	9	17	18	21	10	7	6	18	17	2	3	4	2	4	3	2	2	1	3	4	4
MEAN	8	6	7	8	8	10	11	13	12	10	9	8	9	10	8	7	7	7	7	7	9	8	7	8	8.5

PERCENTAGE OF DATA VALID - 94.2

PERCENTAGE OF DATA INVALID - 4.7

PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - WC NO 29008 NORTH PARK HAMILTON														MONTH - AUG 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	9	10	5	8	18	28	17	19	16	14	14	13	14	13	12	8	10	12	13	13	13	21	13
2	17	14	24	18	9	10	15	12	6	5	10	7	6	8	9	8	9	5	7	5	4	3	4	9	
3	5	3	2	3	2	2	5	6	5	8	5	4	4	6	4	6	4	2	4	4	7	3	3	2	1
4	4	5	6	5	4	4	4	12	8	9	4	4	2	1	0	4	1	1	0	1	0	0	0	1	3
5	0	1	2	3	3	4	4	4	5	15	19	20	15	18	17	15	16	15	13	11	10	10	11	8	10
6	9	10	12	15	16	18	16	12	14	14	23	16	12	14	12	13	12	12	9	15	13	15	16	20	14
7	19	13	8	10	16	17	21	19	6	16	17	14	18	16	16	18	19	-	9	14	10	13	17	16	15
8	19	13	14	10	17	21	21	21	17	18	18	14	17	26	20	18	15	15	10	7	6	17	15	9	16
9	12	12	10	4	3	4	5	6	6	6	2	0	2	4	3	4	3	4	3	1	2	3	3	4	4
10	3	2	0	0	0	2	2	2	0	2	0	0	0	0	0	2	0	0	2	0	2	0	0	2	1
11	0	3	2	3	4	6	4	6	5	2	3	3	0	0	0	2	1	0	4	0	0	6	3	3	3
12	5	8	3	11	7	17	15	25	12	11	11	12	14	10	12	12	12	12	12	9	7	11	7	4	10
13	5	4	3	6	7	10	13	12	14	17	13	4	4	3	13	13	9	8	12	12	11	8	10	9	9
14	5	4	3	2	2	25	21	23	21	19	17	19	17	18	16	20	15	15	14	11	13	13	13	3	14
15	4	6	5	6	8	10	14	14	17	18	18	12	6	14	13	0	1	2	5	2	3	4	4	3	7
16	3	2	1	3	2	4	5	2	0	0	0	0	1	0	0	0	0	0	0	3	3	3	3	1	2
17	2	2	3	3	2	43	3	3	1	2	1	0	2	2	2	3	1	0	0	0	0	0	2	3	3
18	2	2	2	1	2	2	2	4	20	21	15	15	15	15	15	21	20	16	12	12	18	14	8	14	12
19	13	7	5	8	11	11	15	14	15	15	15	15	15	15	15	2	5	12	11	9	6	11	16	9	9
20	8	3	8	7	4	7	15	6	5	4	3	4	4	4	2	2	0	0	1	2	0	0	2	3	3
21	3	3	-	1	3	6	2	3	3	3	3	5	4	5	3	1	1	0	0	1	2	2	3	4	3
22	8	9	9	6	9	8	16	17	21	19	22	19	24	6	4	6	3	4	4	3	2	3	4	4	10
23	9	11	4	5	4	6	6	3	27	4	3	4	3	3	3	2	2	3	4	1	5	10	3	2	5
24	3	2	0	4	5	2	13	2	1	2	3	2	2	0	2	0	2	0	0	2	4	11	10	12	4
25	13	10	9	9	19	22	18	14	9	9	10	15	10	5	6	5	5	11	14	10	15	11	11	11	11
26	15	14	18	9	13	15	20	-	18	22	18	18	19	22	18	19	22	14	16	15	18	23	22	15	18
27	18	17	12	11	11	17	26	20	32	25	22	20	20	19	18	23	21	14	15	17	15	18	11	4	18
28	4	4	2	0	0	0	2	0	0	0	0	2	0	1	0	0	3	0	0	0	0	1	2	0	1
29	3	2	3	3	3	3	3	2	3	3	0	2	2	2	2	2	1	0	2	0	1	2	4	5	2
30	3	5	4	5	5	6	6	7	8	11	13	10	13	14	9	16	8	9	7	6	6	10	12	10	8
31	9	9	5	10	14	13	12	11	8	10	7	7	9	8	6	7	8	7	8	10	4	3	4	7	8
MEAN	7	7	6	6	6	10	11	10	11	11	9	9	9	9	8	8	8	6	6	6	6	8	7	7	8.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - PARTICULATES - SOILING INDEX										UNITS - 0.1 COHS/1000 FT														
	STATION - WC NO 29008 NORTH PARK HAMILTON										MONTH - SEP 80														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	7	7	8	6	8	14	8	7	9	8	14	7	5	6	12	11	9	16	4	10	9	14	5	9
2	7	6	6	9	9	17	21	25	24	21	18	15	15	17	10	8	8	9	10	13	13	14	10	8	13
3	9	9	16	6	6	10	11	13	9	3	2	3	2	2	0	2	9	11	12	20	12	9	8	8	
4	9	7	5	6	8	6	9	7	7	5	5	4	2	4	12	14	14	15	16	11	13	11	10	9	
5	10	12	17	16	16	20	20	18	17	15	14	14	12	11	9	9	9	8	6	8	12	8	14	13	
6	8	9	10	20	21	16	15	15	10	9	7	4	3	2	3	7	2	3	2	1	1	3	3	2	7
7	4	4	0	4	6	4	2	2	1	2	2	2	2	0	1	3	3	3	5	3	4	3	0	0	3
8	3	0	2	1	1	4	11	9	6	4	5	5	2	0	2	1	0	0	6	13	28	----	26	34	7
9	14	18	14	12	16	23	29	24	19	22	20	18	15	15	14	11	7	6	5	4	5	2	4	4	13
10	3	3	2	2	3	10	10	11	14	16	14	13	15	15	10	9	6	5	7	7	18	25	17	15	10
11	20	18	17	16	17	21	20	20	15	14	14	15	14	14	11	12	9	9	18	18	19	19	15	14	16
12	12	13	9	7	11	3	3	0	----	0	0	0	1	2	2	2	2	1	0	2	2	2	2	0	3
13	3	2	0	2	0	2	3	0	2	0	0	1	2	2	2	6	2	4	4	5	7	5	7	3	3
14	2	3	0	3	3	4	12	5	5	5	6	4	3	3	2	2	0	3	0	0	2	0	0	2	3
15	0	0	2	0	0	1	4	0	0	4	2	4	4	3	2	0	1	1	0	9	7	7	7	4	3
16	5	2	3	5	13	9	18	22	17	19	18	18	15	16	12	13	14	8	4	6	2	4	9	6	11
17	8	8	8	11	10	14	14	14	17	15	11	12	10	4	7	13	11	11	8	0	3	3	3	4	9
18	0	2	2	1	2	5	5	5	4	2	1	3	2	2	0	0	0	0	0	4	7	5	12	11	3
19	11	10	11	12	9	15	17	17	----	16	15	4	2	3	3	3	3	3	3	4	4	4	7	9	8
20	8	8	6	6	6	12	15	12	15	12	11	12	10	9	11	12	10	17	13	7	7	12	10	5	10
21	6	4	3	3	2	3	1	4	2	2	4	1	9	7	8	9	10	12	12	10	13	14	7	4	6
22	5	8	16	18	7	22	13	17	18	23	21	16	18	19	16	15	14	15	13	5	15	12	8	9	14
23	11	4	3	3	5	9	8	8	11	16	17	16	18	19	8	12	2	1	3	2	2	0	2	2	8
24	0	0	0	0	2	3	4	7	0	2	1	1	2	0	0	0	1	0	0	1	2	0	2	2	1
25	3	2	5	5	4	3	19	19	9	12	8	5	10	10	10	9	6	5	4	4	11	13	12	13	8
26	8	10	13	13	9	16	9	8	7	7	----	6	9	9	9	2	7	5	3	4	4	3	3	2	7
27	3	3	3	9	19	10	13	12	7	4	4	4	8	4	8	3	8	9	11	12	9	4	4	7	
28	6	5	3	2	3	2	2	3	2	0	2	3	2	0	2	3	5	0	2	5	3	0	2	2	2
29	2	3	3	4	18	13	8	8	6	5	2	0	1	0	0	0	2	2	3	5	10	14	21	11	6
30	10	8	13	9	11	18	20	28	20	22	19	18	19	20	16	15	14	15	19	18	12	16	16	16	16
MEAN	7	6	7	7	8	10	12	12	10	10	9	8	8	7	6	7	6	6	7	6	9	8	8	7	7.9

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - PARTICULATES - SOILING INDEX											UNITS - 0.1 COHS/1000 FT													
	STATION - WC NO 29008 NORTH PARK HAMILTON											MONTH - OCT 80													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	13	12	15	14	22	15	19	20	19	19	15	15	15	12	15	14	13	11	10	11	7	9	8	14
2	4	4	4	5	10	16	17	17	18	17	16	11	10	14	15	-	---	7	8	9	7	9	4	3	10
3	3	5	5	5	1	4	13	6	4	5	2	9	14	15	14	3	7	2	0	6	5	7	7	9	6
4	6	7	5	0	5	7	5	11	12	9	7	9	7	7	3	1	2	2	0	6	5	5	5	3	5
5	2	6	14	17	12	12	15	5	2	5	2	2	0	3	3	0	4	3	4	7	4	8	7	8	6
6	4	7	4	3	5	9	18	24	20	14	14	14	13	12	14	13	16	-	12	9	10	14	11	10	12
7	10	11	6	8	6	6	11	8	10	24	8	7	19	---	16	15	12	9	8	10	19	15	18	16	12
8	13	14	13	18	21	19	21	19	18	-	7	18	16	16	16	13	11	10	9	10	8	7	6	4	13
9	1	0	0	0	1	2	8	4	4	4	0	4	3	4	2	3	4	3	6	7	5	4	3	2	3
10	2	2	3	6	7	7	11	11	9	6	2	1	0	1	0	0	1	4	3	9	9	8	6	6	5
11	4	9	8	14	15	16	13	13	10	13	14	13	9	6	5	7	3	3	7	15	12	14	13	15	10
12	12	3	6	10	4	5	5	4	8	3	2	0	2	1	2	1	0	0	0	0	0	1	2	3	3
13	9	6	3	7	9	2	2	2	3	3	3	2	2	2	2	2	1	2	2	2	3	3	3	3	3
14	5	3	4	9	8	10	11	13	13	18	19	14	11	13	16	12	12	9	8	7	8	13	16	8	11
15	3	4	5	5	3	3	8	5	0	1	0	1	2	2	2	2	2	2	2	2	2	2	3	3	3
16	4	5	7	7	6	7	7	8	9	11	10	10	4	6	9	5	4	3	3	4	9	7	7	7	7
17	5	6	2	8	5	5	6	5	4	3	7	3	13	15	21	15	15	10	10	12	13	14	8	10	9
18	8	7	5	10	11	14	11	9	13	10	8	9	7	10	7	10	7	9	8	11	3	7	13	10	9
19	9	7	7	7	9	11	9	11	12	5	2	2	2	2	4	0	1	2	6	18	16	19	13	12	8
20	20	12	12	4	8	9	13	13	15	15	15	17	13	13	15	13	15	9	13	11	11	10	12	10	12
21	11	9	8	9	10	19	14	20	17	16	14	14	13	8	9	8	7	6	6	5	5	5	6	8	10
22	6	7	5	5	7	9	13	---	12	11	13	11	14	17	13	12	11	7	7	4	1	3	5	4	9
23	2	3	2	3	2	3	7	7	6	1	1	0	1	0	0	1	0	0	0	0	0	1	0	0	2
24	1	2	2	2	3	3	3	3	4	4	3	4	3	0	4	4	0	2	3	4	5	3	3	3	3
25	4	6	5	4	3	2	2	3	2	2	-	3	5	5	6	2	1	1	0	0	0	0	1	0	2
26	5	-	10	10	8	9	8	8	10	9	7	3	5	5	6	5	4	6	8	9	3	7	11	9	7
27	10	9	11	9	9	12	15	13	14	-	13	13	14	18	14	14	-	11	11	14	14	9	15	13	13
28	10	9	11	13	9	12	14	17	18	15	15	13	11	10	11	10	9	9	5	4	12	10	10	9	11
29	8	10	15	15	12	14	17	21	12	-	16	16	13	4	14	11	12	14	12	8	6	5	5	5	12
30	5	5	8	9	13	10	16	17	16	15	13	14	12	14	14	15	10	14	12	12	13	12	10	10	13
31	9	8	9	9	9	11	13	15	17	16	16	16	15	15	15	12	11	15	14	15	5	13	10	4	12
MEAN	7	7	7	8	8	9	11	11	11	10	9	8	9	8	9	7	7	6	6	8	7	8	8	7	8.2

PERCENTAGE OF DATA VALID - 98.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT										
STATION - WC NO 29008 NORTH PARK HAMILTON															MONTH - NOV 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	9	3	3	1	1	2	5	3	3	2	3	3	4	3	2	3	2	2	2	1	2	1	3	3
2	1	2	2	1	0	0	0	2	2	0	1	2	2	2	2	2	1	3	4	7	10	13	10	8	3
3	8	7	4	-	3	7	7	17	8	15	15	14	15	16	16	21	20	20	12	9	8	12	11	9	12
4	10	8	6	7	11	9	17	13	14	12	14	11	15	17	17	17	10	16	11	8	6	14	9	2	11
5	10	11	4	7	4	7	9	11	10	14	14	12	13	11	12	11	8	7	6	4	7	9	14	12	9
6	9	9	12	1	13	16	16	17	15	16	15	14	13	14	14	14	17	13	11	18	14	10	19	14	14
7	10	11	13	0	11	12	18	20	20	12	17	17	17	18	19	17	18	20	16	17	4	4	5	5	14
8	2	3	3	1	0	0	0	3	0	3	2	2	3	4	3	1	0	3	9	3	3	6	4	2	2
9	3	6	6	4	3	5	3	10	15	12	11	13	5	7	4	4	5	14	10	5	2	5	0	6	7
10	0	4	3	0	2	3	8	12	12	12	10	9	9	9	9	7	7	7	4	5	5	4	4	3	6
11	3	2	2	2	3	3	11	10	10	9	12	12	10	10	12	9	12	7	6	4	4	4	3	3	7
12	3	3	3	3	5	7	13	14	13	13	15	12	12	12	12	11	9	8	6	7	9	8	8	7	9
13	8	***	***	11	13	14	23	19	19	20	20	16	17	19	16	16	17	16	17	16	16	17	16	16	17
14	12	19	20	16	11	11	13	11	7	8	5	2	2	0	***	2	3	4	3	4	3	4	4	4	8
15	4	3	3	3	3	2	5	7	10	7	5	4	6	4	5	4	5	1	2	3	2	3	8	2	4
16	1	3	2	2	2	3	3	2	4	2	1	1	2	1	2	3	1	3	3	9	8	9	9	11	4
17	10	9	8	5	10	17	17	21	3	3	-	0	1	9	0	0	3	4	3	2	2	3	28	35	8
18	***	22	12	6	2	3	5	3	4	9	3	2	3	2	7	14	11	10	7	7	7	6	4	4	7
19	3	3	3	5	9	14	15	13	13	16	13	14	14	12	9	14	11	12	12	16	17	15	15	12	12
20	16	17	19	21	21	23	25	26	26	22	22	18	17	16	17	18	18	19	17	16	15	20	15	19	19
21	20	21	9	9	9	11	13	17	20	14	14	15	16	14	10	9	7	6	4	4	4	4	2	3	11
22	8	5	6	11	11	15	15	14	14	13	9	10	11	10	11	11	12	11	15	15	12	12	13	16	12
23	12	15	17	12	15	14	15	21	13	10	8	8	10	9	7	8	10	7	6	10	9	13	14	11	11
24	15	13	12	9	10	9	16	11	13	11	10	10	10	10	8	8	20	14	12	13	7	7	6	6	11
25	7	3	4	2	6	6	8	10	15	14	16	9	9	8	9	10	7	6	7	6	6	6	5	6	8
26	13	8	5	7	17	18	18	20	19	18	13	11	11	12	12	12	15	14	11	12	12	21	11	11	13
27	-	7	11	14	3	4	3	1	2	***	0	1	12	9	3	3	2	2	2	0	3	1	2	3	4
28	4	3	3	3	2	5	4	4	6	13	17	19	14	12	12	13	16	16	11	13	11	13	15	10	10
29	11	11	9	7	8	8	9	10	11	9	10	9	8	10	***	11	7	11	9	11	14	15	12	10	10
30	12	16	7	9	10	10	9	9	10	9	9	10	8	7	6	7	4	4	7	10	13	11	11	11	9
MEAN	8	9	7	7	7	9	11	12	11	11	11	9	10	10	9	9	10	9	8	9	8	9	9	9	9.1

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT										
STATION - WC NO 29008 NORTH PARK HAMILTON															MONTH - DEC 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	10	10	11	14	15	17	13	15	15	****	24	****	****	****	14	9	8	11	10	13	15	14	6	13
2	6	6	4	5	4	4	6	7	8	15	****	7	18	17	13	12	13	10	6	8	13	8	27	13	10
3	12	5	0	2	3	3	4	8	9	9	9	10	9	7	9	10	9	9	8	8	6	5	7	5	7
4	4	3	3	3	3	2	2	5	8	7	7	****	****	2	0	0	2	2	10	9	8	-	7	7	4
5	8	7	7	5	7	6	11	13	12	3	2	3	0	2	1	2	1	2	4	2	13	5	3	4	5
6	3	6	3	2	7	9	9	11	9	2	2	2	1	1	2	0	1	1	1	3	3	5	4	3	4
7	3	5	7	8	6	8	8	8	10	9	9	12	10	8	9	11	11	20	18	22	17	11	11	15	11
8	6	5	8	16	13	10	17	16	16	21	18	17	16	16	14	9	6	6	8	5	5	6	4	3	11
9	4	3	4	4	4	4	9	13	14	19	8	5	2	1	2	5	15	9	16	11	-	15	9	8	8
10	16	10	9	8	13	13	13	15	16	16	14	12	12	12	11	14	13	11	6	4	4	3	5	3	11
11	3	3	3	3	4	10	10	10	19	15	11	9	9	10	10	10	12	9	10	10	-	-	-	10	9
12	11	9	13	8	13	17	15	18	21	18	18	17	14	****	19	16	14	12	13	13	18	6	9	6	14
13	11	9	11	12	10	5	3	3	3	3	4	4	4	0	2	2	2	2	7	10	12	2	14	5	5
14	8	7	6	14	11	11	15	11	12	18	4	4	3	0	0	2	1	6	7	10	11	12	12	13	8
15	14	13	17	9	10	18	17	19	23	16	14	****	9	0	****	****	4	7	12	15	13	11	10	10	12
16	8	7	5	5	5	4	5	7	8	6	4	4	3	2	3	3	3	3	2	3	4	7	2	3	4
17	2	2	2	3	3	4	6	7	8	19	23	22	16	15	12	13	13	14	12	9	12	15	10	11	11
18	****	****	11	9	8	12	14	17	9	5	****	3	8	8	8	9	15	13	12	12	11	-	-	10	10
19	3	7	7	4	4	3	7	6	8	11	10	12	-	10	10	7	8	12	11	11	10	13	12	6	10
20	14	15	15	12	14	16	14	10	11	15	11	6	4	3	3	3	4	6	11	8	10	12	11	10	10
21	12	13	10	14	11	12	15	12	17	17	14	9	9	6	7	8	6	11	11	14	19	14	17	19	12
22	6	17	15	17	12	20	15	15	19	20	25	30	23	16	16	15	14	8	5	8	10	10	12	19	15
23	18	17	18	14	16	15	16	19	22	20	19	****	15	17	9	15	15	12	13	14	14	15	11	16	16
24	13	13	16	17	16	17	18	18	16	11	12	12	10	6	4	4	3	4	3	7	2	7	4	10	10
25	3	2	2	2	1	1	7	25	12	13	15	12	11	10	10	4	5	6	4	6	5	6	6	8	7
26	5	7	10	10	9	16	7	11	8	6	8	6	10	7	9	11	8	10	7	5	5	4	4	9	8
27	16	10	5	6	8	6	8	9	9	12	7	6	10	8	3	11	10	11	13	13	13	13	16	9	9
28	14	13	13	13	13	15	10	10	14	12	12	12	15	12	11	11	10	11	13	13	15	17	17	12	13
29	12	10	12	8	10	15	21	21	14	14	24	25	22	12	10	10	13	11	13	8	6	6	5	4	13
30	4	3	3	2	2	2	3	3	2	2	5	3	3	5	4	8	7	7	4	4	6	7	7	8	4
31	6	7	8	5	6	8	9	2	0	1	2	0	0	0	0	0	3	2	2	0	0	1	0	-	5
MEAN	8	8	8	8	8	10	11	12	12	12	11	10	10	7	7	8	8	8	9	9	9	9	10	9	9.2

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29008 NORTH PARK HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	6.2	12	18
FEB	29	6.4	13	27
MAR	31	5.4	12	25
APR	28	4.4	11	22
MAY	30	6.5	16	34
JUN	30	6.2	16	25
JUL	30	8.5	17	36
AUG	31	8.0	18	43
SEP	30	7.9	16	34
OCT	31	8.2	14	24
NOV	30	9.1	19	35
DEC	31	9.2	16	30
YEAR	360	7.2	19	43

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29008 NORTH PARK HAMILTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	301	282	115	7	0	0	0	705
FEB	296	255	104	25	4	0	0	684
MAR	388	227	98	12	1	0	0	724
APR	429	198	37	17	1	0	0	682
MAY	347	229	77	37	27	2	0	719
JUN	324	228	93	32	14	0	0	691
JUL	206	277	128	71	17	2	0	701
AUG	313	171	123	84	31	2	1	725
SEP	283	203	129	76	20	1	0	714
OCT	224	262	184	55	7	0	0	732
NOV	209	211	185	89	16	1	0	711
DEC	174	257	196	72	18	0	0	717
YEAR	3494	2800	1467	577	156	8	1	8503

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.8	0	0.6	2.7	5.5	9.2	14.5	17.0	19.9	21.8	43	7.2

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COHS/1000 FT													
STATION - WC NO 29011 BURLINGTON/LEEDS HAMILTON												MONTH - MAR 80													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	0	6	1	4	4	4	1	0	0	-----
22	2	0	4	0	1	4	4	1	6	6	1	0	0	1	6	5	4	4	2	10	4	1	10	2	3
23	6	1	2	9	2	4	10	2	4	4	2	4	4	4	1	6	1	4	1	4	1	4	1	10	4
24	4	1	6	4	6	1	10	5	8	10	4	12	10	10	10	8	8	6	6	4	2	2	5	14	7
25	4	2	4	4	1	4	14	6	6	4	1	4	6	4	6	4	4	4	4	1	4	1	8	3	4
26	6	5	4	2	2	2	6	6	4	----	----														
27																									
28																									
29																									
30																									
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	14	17	11	6	7	6	5	1	3	7	4	12	21	11	5	-----
MEAN	4	2	4	4	2	3	9	4	6	8	5	6	5	5	5	5	4	4	4	5	5	5	6	6	4.7

PERCENTAGE OF DATA VALID - 17.5

PERCENTAGE OF DATA INVALID - 66.7

PERCENTAGE OF DATA UNAVAILABLE - 15.9

NOTES 1. ----- INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. --* INDICATES DATA IS UNAVAILABLE

3. ----- INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - WC NO 29011 BURLINGTON/LEEDS HAMILTON													MONTH - APR 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	4	9	6	11	14	10	14	7	5	10	7	5	5	14	14	5	4	14	7	7	2	11	4	8
2	6	4	1	4	4	2	6	12	6	1	6	1	0	0	1	0	0	3	2	0	0	1	1	0	3
3	2	3	0	3	1	0	5	7	1	2	6	4	0	4	6	3	0	9	4	1	11	4	11	6	4
4	6	10	6	5	4	1	4	5	4	0	7	6	5	14	14	4	5	4	4	1	5	4	3	6	5
5	4	4	6	7	2	4	6	13	11	14	20	30	7	2	6	4	9	5	6	4	4	1	2	0	7
6	6	4	1	2	2	1	1	4	8	-----	14	24	15	6	18	18	7	22	29	34	10	5	2	4	10
7	4	0	0	5	1	0	2	7	4	1	6	1	0	4	4	3	0	6	1	13	11	6	9	9	4
8	2	0	1	2	4	4	4	1	0	0	1	4	4	14	10	4	4	1	0	4	4	6	1	0	3
9	7	4	6	4	8	4	2	8	1	6	-----	8	4	4	7	1	1	1	3	0	2	4	1	6	4
10	10	4	4	6	13	5	24	16	6	9	30	15	4	6	4	1	6	8	2	2	12	6	4	10	9
11	5	1	4	4	1	0	4	5	2	1	6	6	1	5	1	1	4	4	2	6	1	11	4	4	4
12	8	1	2	6	6	4	6	6	7	5	9	6	9	7	6	5	7	5	6	1	14	4	1	4	6
13	4	1	4	2	0	0	4	1	0	2	1	0	4	4	1	1	6	1	0	0	6	6	1	10	2
14	2	3	6	6	2	1	0	1	5	7	3	5	2	7	9	10	3	2	5	6	10	13	5	4	5
15	3	1	1	0	0	1	3	6	9	4	2	3	1	0	4	1	0	0	4	2	1	0	0	3	2
16	0	2	0	0	0	1	10	4	2	-----	-----	-----	-----	-----	-----	4	2	4	2	0	1	2	2	4	2
17	2	6	4	2	6	4	12	6	0	2	0	0	6	2	0	3	10	2	2	8	2	6	6	4	4
18	2	4	6	6	3	12	4	14	12	8	22	16	10	6	6	14	6	2	4	6	6	10	2	10	8
19	14	2	12	14	14	24	14	6	2	4	6	4	4	6	4	2	6	5	6	0	4	4	4	2	7
20	4	10	8	14	4	10	10	2	6	6	4	2	6	0	0	0	3	3	6	2	8	4	4	2	5
21	6	10	4	2	4	6	12	6	4	14	12	8	4	4	4	10	8	3	12	18	8	4	4	5	7
22	5	10	10	12	10	18	12	10	14	12	4	4	12	16	10	8	4	0	6	10	6	12	16	16	10
23	4	6	6	4	6	10	4	8	4	12	4	2	4	6	6	12	12	4	4	3	2	0	0	6	5
24	0	2	8	7	8	4	10	8	8	14	14	12	4	16	12	6	10	4	6	4	4	4	4	6	7
25	10	0	6	4	0	4	6	4	12	10	4	6	2	12	4	4	0	0	0	0	0	8	6	4	5
26	4	8	6	8	6	18	14	6	6	6	4	12	10	2	5	8	10	6	10	4	4	8	6	8	7
27	12	18	6	2	6	4	6	2	2	4	6	10	12	10	4	8	5	6	2	10	10	5	5	7	9
28	8	4	14	4	10	6	6	4	12	8	12	6	10	17	14	22	6	8	8	4	8	6	4	9	9
29	10	5	2	2	4	3	4	4	6	12	12	7	14	12	16	18	11	6	10	14	17	4	4	14	9
30	8	14	14	10	5	10	22	18	16	24	14	7	10	10	16	14	10	10	18	10	10	16	9	9	10
MEAN	5	5	5	5	5	6	8	7	6	7	8	7	6	7	7	7	6	5	6	6	6	6	5	6	6.0

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ----- INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. --* INDICATES DATA IS UNAVAILABLE

3. ----- INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COMS/1000 FT													
STATION - WC NO 29011 BURLINGTON/LEEDS HAMILTON												MONTH - MAY 80													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	16	12	8	10	14	6	4	4	14	10	6	6	4	4	4	2	0	4	0	2	12	4	4	7
2	2	6	6	10	20	12	6	10	14	4	4	4	4	4	6	4	0	4	4	4	0	4	0	4	2
3	2	8	0	4	4	6	0	4	0	4	4	4	2	0	4	4	4	4	4	2	0	4	0	4	3
4	6	0	0	4	4	0	2	0	0	2	2	0	4	0	2	4	2	4	0	4	4	0	0	4	2
5	4	0	4	4	0	2	0	2	0	0	0	0	4	0	0	0	2	0	0	1	4	0	4	4	1
6	4	2	4	4	1	4	2	4	4	2	2	0	6	0	6	0	4	0	4	0	0	4	0	2	2
7	4	0	4	2	2	4	0	4	2	4	4	2	2	0	4	0	2	0	2	0	0	0	4	0	2
8	4	0	4	2	2	4	6	2	4	4	2	2	0	0	4	4	0	4	4	0	0	0	0	0	2
9	4	0	0	2	2	4	4	2	0	6	0	4	2	4	2	4	4	0	2	2	4	0	0	0	2
10	0	2	0	0	0	6	4	0	0	4	0	0	0	0	0	0	0	2	0	0	2	2	10	14	2
11	2	0	0	2	2	4	2	0	0	2	0	2	0	0	0	0	4	0	0	0	0	4	0	4	1
12	2	4	4	4	4	4	8	6	4	4	4	10	5	4	5	14	14	8	6	4	6	5	2	4	4
13	2	12	6	10	6	12	10	10	6	4	4	4	4	4	6	4	4	6	4	2	4	4	4	4	6
14	4	4	0	2	4	4	4	4	4	4	0	4	2	0	4	0	4	0	0	4	8	0	2	2	3
15	2	4	4	6	6	4	2	2	4	6	2	4	2	0	4	4	2	4	6	0	2	6	4	4	4
16	0	4	2	2	4	20	12	6	18	10	4	4	2	0	4	4	0	4	2	0	6	10	12	5	4
17	4	6	6	4	12	6	4	4	4	14	14	10	10	16	6	10	6	14	4	4	6	14	6	14	8
18	16	10	20	10	10	10	12	14	10	14	0	4	0	0	0	2	4	2	0	4	4	0	4	2	6
19	0	2	2	0	0	4	0	6	0	4	6	8	6	0	4	8	0	4	4	4	4	6	8	12	4
20	4	4	4	4	6	4	4	10	4	10	2	8	6	6	3	16	4	6	8	0	8	6	10	14	6
21	10	10	8	8	0	4	12	8	16	12	10	14	20	16	8	12	0	0	0	4	4	0	4	12	8
22	16	8	20	4	12	16	18	14	18	16	8	***	2	0	4	4	4	4	6	4	4	2	6	4	8
23	10	6	12	4	10	8	10	6	8	14	14	8	6	4	16	14	6	0	22	10	18	20	18	16	11
24	8	10	12	10	6	10	12	4	12	12	10	4	8	10	4	4	4	6	4	14	4	10	4	6	8
25	4	4	4	14	6	10	10	4	4	6	4	8	6	8	12	4	6	10	12	10	16	4	10	8	
26	4	4	4	8	4	14	4	8	4	8	6	10	8	4	6	4	2	8	4	6	4	0	2	0	4
27	6	2	4	2	8	2	6	8	4	0	6	4	6	4	8	4	2	2	4	4	6	2	4	0	4
28	4	2	8	6	4	6	4	4	10	4	14	10	6	14	14	6	14	8	4	4	12	4	12	6	8
29	8	10	12	6	4	10	10	4	4	4	4	***	0	6	2	4	4	4	4	8	4	12	8	14	6
30	10	4	2	6	2	8	8	8	22	30	32	34	26	26	8	10	4	0	0	2	8	0	4	4	11
31	2	8	8	4	4	4	6	0	4	2	2	0	4	2	0	2	8	2	4	0	4	0	0	4	3
MEAN	5	5	6	5	5	7	6	5	6	7	6	6	5	4	5	5	4	3	4	3	5	5	4	6	5.1

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COMS/1000 FT													
STATION - WC NO 29011 BURLINGTON/LEEDS HAMILTON												MONTH - JUN 80													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	0	0	0	0	0	2	2	0	0	4	2	2	6	16	10	6	8	6	8	4	4	10	4	4
2	0	4	8	4	6	14	16	8	4	22	32	28	40	40	28	14	4	6	4	10	18	10	10	6	14
3	4	4	16	4	2	16	14	4	2	4	4	2	2	10	4	4	2	2	4	6	4	0	10	2	6
4	4	6	4	0	2	0	2	4	4	6	0	2	0	6	8	2	4	0	4	4	4	6	6	5	3
5	4	4	8	10	4	18	4	4	6	10	10	6	6	4	6	4	10	4	0	0	12	12	4	6	4
6	10	6	6	0	16	30	14	18	10	12	10	10	14	16	8	10	6	10	4	6	6	6	8	8	10
7	0	4	0	2	4	4	4	4	4	6	4	8	4	16	3	4	2	0	8	4	2	2	8	4	4
8	2	0	0	0	0	6	0	2	4	6	2	0	2	4	0	0	0	2	2	2	10	2	0	2	2
9	4	2	0	0	8	4	4	2	0	8	0	8	0	2	4	0	2	0	0	4	4	2	2	4	3
10	2	2	12	4	4	2	0	4	4	4	4	2	0	0	4	10	0	0	4	2	4	4	8	0	3
11	0	2	0	0	0	4	4	4	****	-	0	3	0	8	10	0	0	0	0	0	0	2	4	4	2
12	6	4	6	12	10	18	4	0	0	4	0	4	2	0	4	0	0	0	0	0	0	0	0	0	3
13	4	2	2	8	6	10	4	4	2	2	2	0	4	4	4	4	0	4	4	4	0	0	8	4	4
14	12	10	6	6	10	8	6	8	4	4	4	0	0	2	4	2	4	4	4	6	4	2	10	2	5
15	2	0	8	6	4	4	0	0	14	2	6	4	4	0	2	4	0	4	8	2	2	6	0	4	4
16	2	0	2	0	6	4	0	8	6	2	8	6	***	8	8	8	14	10	20	0	0	4	6	0	4
17	2	10	10	0	4	16	6	6	0	2	0	8	4	0	4	0	0	6	2	4	0	0	0	0	4
18	4	0	4	4	2	8	2	6	2	2	2	2	0	6	6	4	10	8	14	4	2	14	8	3	5
19	8	4	4	6	8	10	8	20	10	12	4	2	4	12	22	16	14	10	12	6	0	2	10	10	9
20	4	6	4	0	0	0	4	4	0	4	6	0	2	0	4	6	0	0	4	0	4	4	4	2	3
21	4	0	0	0	0	2	0	4	4	4	0	4	0	2	2	6	2	0	0	4	0	2	2	0	2
22	0	4	4	4	2	4	0	8	6	2	2	6	2	4	0	6	0	0	4	4	0	6	0	4	3
23	6	4	4	6	4	4	0	2	6	4	6	4	4	0	0	2	0	2	2	6	4	6	8	6	4
24	0	20	12	16	28	20	18	32	22	20	16	10	18	14	14	10	6	0	4	8	8	0	6	10	13
25	4	2	4	14	6	4	26	6	4	8	4	2	6	6	4	2	2	0	4	4	4	6	2	0	5
26	2	0	2	2	0	4	8	4	0	2	0	4	0	2	12	12	4	4	0	6	8	14	10	12	5
27	10	4	4	6	4	6	10	10	12	10	6	8	4	12	14	4	8	4	4	4	4	2	6	6	7
28	6	4	2	6	0	4	6	8	4	6	8	8	2	6	4	8	4	6	0	2	2	10	4	5	5
29	0	4	0	2	12	4	2	2	4	2	4	4	4	6	4	4	14	2	4	0	2	4	2	0	4
30	4	0	0	0	2	0	2	0	0	2	4	8	0	0	2	2	0	0	0	2	2	2	2	0	1
MEAN	4	4	4	4	5	8	6	6	5	6	5	5	4	7	7	5	4	3	4	4	3	4	5	4	4.9

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID - 0.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX											UNITS - 0.1 COMS/1000 FT														
STATION - WC NO 29011 BURLINGTON/LEEDS HAMILTON											MONTH - JUL 80														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	4	0	4	6	4	4	4	0	4	2	2	4	2	2	0	0	4	4	4	4	4	0	0	3
2	4	4	0	12	4	4	8	14	4	12	10	8	8	4	2	10	4	0	6	4	2	2	0	4	5
3	4	0	8	4	0	10	6	4	6	10	4	4	10	6	4	0	0	0	4	0	4	2	8	6	4
4	12	4	6	0	6	4	6	***	***	***	4	4	0	18	30	12	6	6	2	4	0	6	8	12	7
5	3	8	9	2	0	2	0	2	5	0	1	5	4	5	2	2	2	3	2	3	0	2	5	7	3
6	3	3	2	0	5	0	0	3	0	5	0	4	0	2	2	5	0	0	2	0	3	2	9	0	2
7	3	2	2	9	4	3	3	2	7	1	3	0	0	1	0	2	3	2	2	2	2	0	2	2	2
8	0	7	0	5	4	5	5	3	3	3	7	2	***	9	2	9	9	2	5	2	2	3	2	2	4
9	2	5	0	2	0	0	9	5	3	7	9	7	5	2	0	0	0	0	3	2	5	3	7	9	4
10	9	3	3	12	8	3	15	17	13	3	5	7	4	3	2	7	7	0	2	3	2	0	2	5	6
11	9	0	4	3	5	7	3	0	3	7	4	7	2	2	0	3	3	5	2	0	2	0	0	0	3
12	5	5	5	0	3	5	5	0	3	0	2	0	0	1	0	2	1	0	0	0	5	0	0	0	2
13	5	3	0	3	5	0	2	7	3	0	0	0	2	2	0	2	0	0	0	0	2	0	0	2	2
14	3	2	2	3	2	4	2	4	0	0	0	0	1	2	0	7	2	2	2	0	3	2	0	0	2
15	2	2	5	0	0	0	5	3	7	3	2	-	-	-	-	-	-	-	-	-	-	-	-	*****	
16	- DATA UNAVAILABLE -																								
17	- DATA UNAVAILABLE -																								
18	- DATA UNAVAILABLE -																								
19	- DATA UNAVAILABLE -																								
20	- DATA UNAVAILABLE -																								
21	- DATA UNAVAILABLE -																								
22	- DATA UNAVAILABLE -																								
23	- DATA UNAVAILABLE -																								
24	- DATA UNAVAILABLE -																								
25	- DATA UNAVAILABLE -																								
26	- DATA UNAVAILABLE -																								
27	- DATA UNAVAILABLE -																								
28	- DATA UNAVAILABLE -																								
29	- DATA UNAVAILABLE -																								
30	- DATA UNAVAILABLE -																								
31	- DATA UNAVAILABLE -																								
MEAN	4	3	3	4	3	3	5	5	4	4	4	4	3	4	3	4	3	2	3	2	3	2	3	4	3.4

PERCENTAGE OF DATA VALID - 46.1 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 53.4

- NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. "-" INDICATES DATA IS UNAVAILABLE
 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1990

POLLUTANT - PARTICULATES - SOILING INDEX				UNITS - 0.1 COMS/1000 FT	
STATION - WC NO 29011		BURLINGTON/LEEDS HAMILTON			
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING	
JAN	28	8.0	14	33	
FEB	27	6.2	16	38	
MAR	4	4.7	7	21	
APR	30	6.0	13	34	
MAY	31	5.1	11	34	
JUN	30	4.9	14	40	
JUL	14	3.4	7	30	
YEAR	164	5.7	16	40	

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29011

BURLINGTON/LEEDS HAMILTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	163	365	109	46	10	1	0	694
FEB	325	232	45	21	13	6	0	642
MAR	80	41	7	1	1	0	0	130
APR	347	259	75	22	11	1	0	715
MAY	463	176	53	23	5	2	0	742
JUN	475	177	31	22	8	4	0	717
JUL	250	81	9	2	1	0	0	343
YEAR	2123	1331	329	137	49	14	0	3983

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT						MAX	ARITH MEAN
				50	70	90	95	98	99		
77.9	0	0.0	3.0	3.9	5.9	11.8	15.0	19.4	23.3	40	5.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - WC NO 29025

BARTON/WENTWORTH HAMILTON

MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	3	2	3	3	3	4	5	4	3	3	3	3	5	5	3	3	4	3	3	3	3	3	3
2	4	3	2	3	4	5	6	6	6	5	5	7	8	7	5	3	5	2	3	1	1	0	1	1	4
3	0	1	0	1	0	0	0	2	3	3	5	3	2	2	2	3	4	2	3	3	3	2	3	3	2
4	6	12	13	14	8	5	12	19	12	11	9	5	4	5	8	9	8	6	5	5	5	5	7	7	8
5	6	6	3	6	2	2	2	2	2	3	5	8	7	8	7	4	2	1	2	2	2	2	2	2	4
6	3	3	3	3	3	5	8	8	10	6	5	3	3	3	3	4	3	3	4	4	5	7	8	6	5
7	4	5	5	4	3	4	6	3	3	0	4	3	2	3	4	4	6	8	5	4	4	6	4	3	4
8	1	2	2	2	2	1	3	4	4	4	4	4	3	5	4	6	8	5	4	4	6	4	3	3	4
9	2	2	2	2	2	3	6	8	10	7	5	3	4	5	3	4	5	5	4	3	2	3	4	5	4
10	5	7	8	5	5	5	7	9	8	12	11	8	7	6	7	7	14	8	7	8	9	11	11	15	8
11	15	14	13	12	11	4	7	5	5	2	5	4	3	4	4	5	4	2	2	2	0	2	2	2	5
12	1	2	2	1	5	2	2	2	2	2	2	2	2	2	2	2	2	2	4	5	5	4	4	4	7
13	5	6	6	8	4	3	4	5	4	4	4	4	4	3	4	5	5	6	6	4	3	4	3	3	4
14	2	2	3	3	5	4	7	9	9	7	7	7	7	7	7	8	6	5	5	7	6	5	5	6	6
15	5	8	7	7	6	7	5	7	10	10	15	28	7	6	9	9	21	12	5	4	5	6	8	7	9
16	6	5	3	5	5	5	8	6	6	6	6	7	7	8	8	11	11	9	5	7	7	10	11	11	7
17	14	11	15	13	10	15	12	14	26	22	20	16	7	7	6	9	12	6	5	5	3	3	3	4	11
18	3	2	2	2	3	3	6	8	6	7	9	7	5	6	8	9	11	5	3	3	3	3	3	3	5
19	2	2	2	2	2	2	3	2	2	2	3	3	2	3	3	3	3	3	3	1	3	7	3	3	3
20	0	2	0	1	0	0	1	1	4	1	0	0	1	0	2	3	1	2	3	3	2	3	3	2	1
21	2	1	2	2	5	2	2	5	5	5	5	1	8	4	7	8	9	7	6	6	7	6	5	5	5
22	4	2	3	3	2	3	5	7	7	7	7	7	2	6	5	7	5	4	4	4	4	3	3	3	4
23	5	2	2	2	1	1	3	3	5	4	4	4	4	3	3	4	5	4	7	8	4	2	2	2	4
24	2	1	1	1	2	1	3	4	5	5	6	4	4	4	4	6	11	6	4	5	7	6	6	8	4
25	6	5	8	4	4	5	8	8	11	11	13	20	16	7	1	7	10	9	7	5	6	6	5	6	7
26	4	3	3	3	2	2	3	2	4	3	3	4	3	3	2	2	2	3	2	2	3	2	3	4	3
27	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	3	3	5	5	5	6	5	4	4	3
28	4	2	2	2	2	2	3	3	4	3	3	3	3	4	4	5	6	5	4	6	6	4	4	5	5
29	4	3	3	3	3	4	6	4	7	6	8	4	5	5	6	8	9	9	8	2	3	4	4	5	5
30	3	2	2	2	2	3	6	5	3	2	4	4	3	2	4	3	4	3	3	5	-	2	2	2	3
31	1	1	0	0	0	0	2	2	1	3	2	2	2	2	2	2	3	3	2	2	0	1	1	1	1
MEAN	4	4	4	4	3	3	5	5	6	6	6	5	4	4	5	5	7	5	4	4	4	4	4	5	4.6

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON													MONTH - FEB 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	3	3	2	3	5	9	4	3	4	3	***	6	2	4	6	4	5	3	3	4	4	5	4
2	6	3	4	7	5	4	3	5	3	4	3	2	2	2	2	3	5	2	3	3	3	4	3	4	4
3	3	4	3	3	3	3	2	3	3	3	3	3	6	5	6	3	5	4	6	5	4	3	5	4	4
4	3	3	2	3	4	5	16	9	8	8	3	5	4	4	5	5	7	7	3	4	5	5	5	5	5
5	4	4	5	5	5	5	10	13	13	12	10	7	4	5	4	5	8	8	3	7	5	3	4	3	6
6	3	3	3	3	3	4	6	9	8	8	5	4	6	6	5	5	8	5	4	6	5	5	5	5	5
7	7	4	3	3	2	2	5	4	4	0	5	3	2	2	3	5	11	6	5	6	6	5	8	4	4
8	2	3	2	3	3	4	8	8	8	8	7	3	4	2	3	5	6	6	5	4	5	5	5	3	5
9	4	5	5	5	5	6	5	6	6	5	3	2	2	3	3	4	3	3	2	0	2	2	2	2	4
10	3	4	5	3	2	3	3	4	3	4	3	1	2	2	2	2	2	3	3	4	2	2	4	4	3
11	6	5	4	5	6	8	9	***	7	***	0	7	5	3	5	6	12	6	6	3	0	3	3	7	4
12	2	2	2	3	3	3	5	6	9	6	5	5	3	4	3	5	3	4	4	4	5	4	5	5	4
13	3	4	3	2	5	3	8	11	11	10	9	5	5	0	3	5	8	6	8	5	7	5	7	6	6
14	4	5	5	5	5	6	8	10	10	11	9	4	4	6	5	3	8	5	9	13	12	6	5	8	7
15	7	9	6	14	11	10	10	12	13	7	0	7	6	***	6	11	14	9	8	8	6	6	5	5	8
16	7	12	10	11	12	4	2	2	3	4	4	3	3	1	5	2	2	2	5	7	3	0	4	4	5
17	6	4	3	2	0	1	2	3	2	3	2	3	4	1	2	2	3	3	3	4	3	3	4	4	5
18	4	3	4	4	4	7	8	10	***	4	6	4	5	6	5	7	6	2	2	4	4	5	4	4	5
19	5	5	4	4	4	5	6	9	9	10	11	8	6	8	6	7	11	10	10	11	12	14	16	13	9
20	16	10	7	10	9	11	17	14	18	15	18	15	14	10	10	13	13	11	11	8	9	10	9	10	12
21	10	10	10	10	10	10	12	12	7	7	6	5	5	6	7	12	14	7	5	4	8	5	4	4	8
22	6	4	6	4	8	8	9	9	10	9	5	9	8	9	12	9	13	5	12	4	3	3	2	3	7
23	3	3	2	3	3	3	3	4	3	2	2	4	5	6	8	7	7	10	8	7	8	8	5	5	5
24	3	4	4	3	3	4	3	3	3	2	2	2	2	2	2	2	2	0	4	3	3	3	6	3	3
25	3	3	3	3	3	4	7	8	8	4	4	6	8	7	9	12	9	2	1	1	1	1	3	2	5
26	2	1	1	1	2	2	3	4	3	3	3	3	3	4	4	5	9	5	4	3	4	0	2	2	3
27	3	2	2	3	2	2	5	7	7	5	5	3	4	3	3	3	5	4	4	5	4	3	4	3	4
28	3	3	3	1	1	2	2	2	2	2	3	4	2	2	3	2	3	3	2	2	2	3	3	2	2
29	1	0	2	3	3	3	5	7	***	***	9	3	3	3	2	3	4	3	4	5	3	2	4	4	3
MEAN	4	4	4	4	4	5	6	7	7	6	5	5	5	4	5	5	7	5	5	5	4	5	5	5	5.1

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.0

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON													MONTH - MAR 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	4	5	6	5	4	9	6	2	2	3	2	2	2	2	2	0	2	3	3	2	3	3	3
2	3	3	3	10	3	4	4	5	8	3	2	2	3	3	2	2	2	2	3	4	5	4	5	3	4
3	2	2	2	3	3	4	7	7	10	7	6	6	5	5	4	3	4	3	4	4	5	4	4	3	4
4	3	3	3	3	4	4	6	7	7	7	5	6	6	5	5	5	6	6	6	7	7	8	7	6	
5	6	4	5	7	6	10	16	20	13	19	14	10	15	18	13	8	9	4	3	3	3	3	4	3	9
6	3	1	0	0	2	2	4	5	***	7	4	4	3	3	3	4	5	6	9	9	6	5	5	6	4
7	6	6	8	9	9	9	13	21	12	7	6	7	4	6	5	6	7	7	5	7	7	7	7	7	8
8	8	10	9	8	7	9	13	15	18	12	15	14	13	11	5	7	9	4	4	5	5	5	3	4	9
9	4	4	3	4	3	2	3	3	5	5	5	5	7	5	5	3	4	4	4	7	5	5	6	6	4
10	6	4	4	5	4	7	10	10	8	5	***	7	5	8	6	6	8	5	4	4	3	0	2	2	5
11	2	2	2	1	0	0	2	3	4	2	2	2	3	3	4	4	4	5	3	3	2	2	2	3	3
12	3	2	3	3	2	2	4	4	2	2	3	2	2	3	7	7	9	6	5	4	4	7	3	4	4
13	5	5	4	4	5	5	5	7	7	7	***	***	7	13	10	10	10	5	5	5	5	5	5	5	7
14	10	6	5	7	6	7	9	11	9	6	5	4	4	3	3	5	5	4	4	4	4	2	3	3	5
15	3	2	2	2	0	1	2	2	2	1	2	2	2	0	2	2	2	1	1	3	4	3	5	5	2
16	3	5	8	4	4	3	2	3	4	3	5	7	7	8	8	9	7	13	8	10	8	10	7	4	6
17	7	8	5	6	5	15	35	22	7	8	9	7	6	6	6	6	7	5	3	6	2	2	2	2	8
18	2	2	1	1	1	1	2	3	3	3	3	3	3	2	3	3	4	3	4	5	3	2	3	3	3
19	3	3	3	3	3	6	5	7	7	5	5	5	4	6	4	5	7	6	8	8	6	6	7	5	5
20	5	5	5	5	5	5	8	9	10	9	6	5	5	***	***	4	6	6	7	6	6	11	12	10	7
21	14	9	10	12	14	12	13	19	21	15	***	***	14	8	4	5	5	4	2	3	2	2	2	1	9
22	2	1	0	0	1	0	0	2	2	2	4	2	2	2	2	2	2	2	2	2	2	3	4	3	2
23	3	4	3	3	3	4	2	3	2	3	2	3	2	3	4	4	3	2	4	3	5	4	3	5	3
24	6	7	15	7	15	8	11	8	11	17	9	16	11	12	14	9	10	8	10	8	10	6	6	3	10
25	4	5	3	2	2	3	3	5	4	4	3	4	4	4	4	4	4	4	4	4	3	3	3	3	4
26	3	3	3	4	3	2	3	2	3	3	3	5	7	8	6	6	7	6	6	6	6	3	2	5	5
27	2	2	4	7	10	11	9	9	16	11	9	10	17	12	12	9	9	10	10	8	6	14	8	9	9
28	3	4	4	4	8	5	6	8	12	10	10	8	***	12	13	24	17	12	13	10	8	13	11	9	10
29	16	11	10	9	11	11	11	8	7	13	11	14	8	7	11	12	11	13	10	14	14	17	7	5	11
30	4	3	2	2	0	3	2	0	7	7	3	4	6	7	8	7	5	4	4	6	4	4	6	14	5
31	9	8	9	8	14	10	11	9	17	8	12	10	6	10	11	7	13	15	8	16	8	10	10	10	10
MEAN	5	4	5	5	5	6	7	8	8	7	6	6	6	7	6	6	7	6	5	6	5	6	5	5	5.9

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COMS/1000 FT													
STATION - WC NO 29025												MONTH - APR 80													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	10	7	7	11	5	5	14	16	15	13	12	12	11	13	9	13	12	10	5	4	4	4	5	10
2	5	4	4	.....	.....	6	11	19	16	9	8	8	8	5	4	6	6	4	5	5	6	5	4	2	7
3	2	8	3	3	5	10	11	10	10	9	.....	8	7	12	5	7	9	9	12	11	9	13	14	9	7
4	9	11	7	10	2	3	5	7	5	4	3	4	3	3	2	2	2	2	1	0	3	1	2	1	4
5	1	0	0	1	1	2	3	3	2	2	2	2	2	2	1	2	2	2	2	2	4	6	7	8	2
6	7	4	3	3	3	2	4	3	4	7	5	8	10	11	8	5	14	9	17	14	15	17	13	11	8
7	11	12	12	10	6	6	7	11	14	18	21	26	9	5	7	6	6	6	4	3	3	3	3	3	9
8	3	2	3	2	2	2	4	5	14	8	15	17	11	12	7	19	20	22	17	10	2	1	2	-	9
9	2	2	1	1	2	2	6	6	6	.....	9	6	5	6	6	3	4	3	3	9	13	8	7	6	5
10	0	0	0	1	1	6	.....	5	7	7	7	7	8	4	4	5	5	4	4	3	4	3	3	3	4
11	3	3	5	2	3	3	6	6	8	4	4	9	9	2	5	5	5	4	7	3	4	5	6	4	4
12	8	8	5	4	6	10	18	13	18	12	15	9	7	4	4	2	0	2	2	2	2	3	7	7	7
13	3	2	2	0	0	0	2	1	1	0	1	2	1	0	1	0	0	0	0	0	2	0	2	3	1
14	8	9	10	6	10	7	12	11	9	10	8	6	12	10	13	16	21	18	15	12	7	7	2	0	10
15	0	1	0	.....	.....	.....	.....	.....	.....	.....	3	3	3	4	5	5	7	4	4	2	2	1	.....	.....	.....
16	0	0	0	0	0	0	1	0	0	1	0	0	2	0	1	1	2	1	2	2	1	3	4	5	1
17	5	4	3	3	3	4	7	8	5	.....	4	5	3	3	2	4	4	5	5	3	3	4	4	3	4
18	3	3	3	4	4	6	7	9	11	8	10	15	11	10	7	7	7	5	7	8	6	5	6	12	7
19	8	9	10	20	13	15	16	14	7	4	5	5	7	7	6	5	5	7	6	6	.....	6	3	7	8
20	5	5	3	1	3	4	4	5	4	4	4	3	2	4	0	4	4	6	5	8	3	3	2	4	4
21	4	3	3	2	3	4	.....	6	7	3	8	10	7	0	2	2	1	1	0	5	10	-	-	6	4
22	6	4	4	13	9	11	14	16	10	11	11	15	8	9	10	9	8	9	15	12	12	11	-	13	10
23	15	14	13	18	23	10	14	6	5	5	11	8	8	9	8	9	2	1	1	1	2	2	2	2	8
24	4	4	5	4	4	3	6	7	5	12	8	.....	.....	9	10	4	12	10	8	14	20	14	10	9	8
25	14	3	2	3	2	3	4	7	6	6	3	.....	3	3	2	3	5	3	3	5	3	3	4	7	4
26	8	9	8	10	31	15	9	6	5	4	9	7	9	6	7	11	15	10	10	8	6	4	6	7	9
27	6	5	3	2	4	4	4	3	4	17	5	8	10	6	9	11	6	8	10	5	9	6	9	9	7
28	9	8	11	11	7	14	19	9	10	11	8	7	7	10	16	22	9	10	9	6	10	11	12	13	11
29	9	20	16	11	11	20	17	11	14	14	11	10	12	14	13	15	5	7	10	5	3	6	7	3	11
30	8	10	7	5	8	13	16	10	17	13	10	8	8	11	9	13	14	13	11	-	.....	8	6	14	11
MEAN	6	6	5	6	6	7	9	8	8	8	8	8	7	6	7	7	7	7	7	6	6	5	5	6	6.7

PERCENTAGE OF DATA VALID - 96.3

PERCENTAGE OF DATA INVALID - 2.9

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ... INDICATES DATA IS UNAVAILABLE

3. INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COMS/1000 FT													
STATION - WC NO 29025												MONTH - MAY 80													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	10	6	6	10	17	13	....	6	4	4	3	5	4	....	-	6	0	3	3	4	4	5	6	6
2	3	7	7	9	10	14	12	9	6	11	....	4	2	4	5	8	4	6	3	4	2	3	4	3	6
3	3	2	2	2	0	2	3	2	2	2	2	2	2	1	3	4	4	3	0	4	3	....	2	2	2
4	2	2	2	2	3	3	4	4	3	3	2	0	1	2	1	1	2	2	2	3	3	2	3	3	2
5	3	3	3	3	3	5	4	6	5	6	5	5	3	4	3	4	3	4	3	4	3	2	3	4	4
6	3	2	2	1	2	4	6	4	4	5	3	2	0	2	1	3	2	3	2	0	3	1	0	4	2
7	4	2	4	3	4	7	5	6	4	4	3	4	6	3	3	3	3	2	1	2	2	2	3	2	3
8	2	1	2	1	2	3	3	3	3	3	3	2	2	3	4	5	3	3	3	2	2	2	3	2	3
9	2	2	2	2	3	3	3	5	3	2	2	2	2	2	3	3	2	2	2	2	3	3	3	3	3
10	2	2	3	2	3	4	6	3	0	3	2	3	3	3	4	3	3	3	3	4	3	9	15	8	4
11	5	2	0	2	3	3	3	3	4	4	4	4	4	4	3	3	2	2	0	0	0	0	1	0	2
12	4	5	6	0	7	12	15	12	10	7	9	12	9	9	11	14	14	7	....	11	18	7	3	4	0
13	8	7	7	9	6	11	14	9	10	13	8	9	10	10	11	4	8	9	7	5	4	2	11	8	8
14	4	4	0	1	0	1	3	7	6	3	2	4	2	3	4	5	3	0	2	3	3	3	2	-	3
15	2	2	2	2	3	5	5	0	....	4	2	3	2	0	0	7	5	4	3	2	7	4	4	3	3
16	3	3	2	3	3	7	7	7	6	4	4	2	2	4	4	3	3	2	2	3	4	7	9	9	4
17	8	6	6	7	9	8	15	11	12	12	17	17	15	12	9	10	26	10	4	3	3	4	12	8	10
18	9	8	14	3	4	5	....	6	7	5	2	2	2	1	-	0	0	0	0	1	0	2	0	0	3
19	0	2	0	1	0	1	2	3	2	0	7	13	8	4	3	3	1	2	2	2	9	7	4	4	3
20	0	3	3	3	0	3	5	11	14	13	5	6	9	10	11	7	6	7	20	14	6	8	7	6	7
21	6	5	6	5	9	9	16	10	10	18	13	9	15	13	10	11	6	5	5	6	7	7	6	5	9
22	4	3	3	3	6	6	9	8	8	5	3	6	4	5	5	5	7	6	7	6	6	5	4	6	6
23	4	5	3	6	6	10	10	11	10	10	2	6	6	7	7	6	5	5	11	12	17	17	19	13	9
24	11	12	9	7	7	6	6	9	7	6	8	8	7	8	4	3	3	6	5	9	6	6	4	3	7
25	3	4	2	3	2	6	2	3	10	6	4	5	5	4	5	5	3	2	1	0	0	0	0	....	3
26	....	....	....	....	....	....	....	....	3	1	2	2	....	....	3	1	2	2	2	2	2	2	2	2	....
27	2	0	2	1	3	4	5	7	4	4	3	2	3	7	4	3	0	2	3	4	15	6	5	4	4
28	3	3	6	3	5	7	6	4	8	8	7	0	....	20	11	10	7	2	5	4	6	6	5	4	6
29	3	4	9	6	7	11	11	10	8	6	6	8	10	17	14	6	4	10	6	3	3	4	4	8	7
30	5	6	7	5	7	7	8	11	15	21	28	25	25	6	4	6	5	5	5	6	5	2	3	0	9
31	2	2	2	0	2	4	3	4	3	4	4	3	4	0	1	1	0	2	0	0	0	0	0	0	2
MEAN	4	4	4	3	4	6	7	6	6	6	6	6	6	6	5	5	5	4	4	4	5	4	5	4	5.0

PERCENTAGE OF DATA VALID - 97.2

PERCENTAGE OF DATA INVALID - 2.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

	STATION - WC NO 29025					BARTON/WENTWORTH HAMILTON										MONTH - JUN 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	1	0	0	0	0	0	0	1	1	3	2	4	5	8	5	7	11	11	7	13	9	10	4	
2	9	10	6	5	6	6	12	18	12	10	17	18	25	16	13	12	4	5	4	6	15	8	11	9	11	
3	5	4	7	13	11	9	9	6	5	10	9	8	6	6	6	8	3	5	4	3	3	2	2	2	6	
4	4	4	4	6	4	6	5	2	2	1	3	2	2	2	2	3	2	2	0	3	5	4	4	4	3	
5	3	2	7	5	6	8	9	7	11	8	9	12	9	11	6	5	3	5	7	3	4	9	12	7	7	
6	18	11	6	10	12	----	----	----	11	10	12	10	15	16	19	21	14	13	11	9	12	10	6	6	12	
7	4	3	3	3	4	4	5	5	5	5	3	4	10	10	9	6	3	3	0	2	5	10	4	8	5	
8	7	5	0	0	0	0	0	2	2	0	0	1	3	2	0	2	1	2	1	2	0	1	1	1	1	
9	2	0	2	2	4	6	4	4	4	4	3	----	6	2	3	4	2	3	3	2	3	3	2	2	3	
10	1	0	1	1	3	4	5	5	----	7	3	2	3	5	4	3	3	2	2	4	2	3	4	3	3	
11	2	3	4	3	3	4	6	6	4	----	----	3	3	3	4	9	1	3	2	3	4	6	6	9	4	
12	8	9	9	8	8	16	12	----	----	13	5	2	5	4	5	0	0	0	0	0	0	0	0	0	0	
13	4	4	6	12	6	5	7	7	6	----	----	5	5	8	7	9	6	----	----	13	7	6	6	7	7	
14	9	9	7	7	----	----	----	----	----	4	6	4	6	7	8	6	10	6	4	4	6	6	6	6	6	
15	5	5	6	5	4	5	6	6	5	7	6	15	0	0	0	0	0	0	0	1	0	0	1	5	4	
16	3	2	0	0	0	0	4	5	5	7	2	2	2	7	6	10	9	9	7	10	0	5	3	7	4	
17	0	3	5	3	3	5	9	12	5	7	6	5	4	3	3	5	2	3	3	2	2	4	2	3	4	
18	2	2	3	3	5	6	8	8	7	6	5	6	4	6	7	10	6	10	14	12	14	13	12	6	7	
19	2	3	3	7	8	12	14	17	14	11	11	12	13	14	13	16	15	14	10	8	3	5	----	4	10	
20	2	6	1	2	1	2	4	5	2	4	5	4	5	5	5	3	3	2	4	4	2	2	2	2	3	
21	2	2	1	0	1	2	3	3	2	3	2	2	0	0	2	2	2	0	4	3	0	2	5	3	2	
22	5	5	4	5	5	4	0	4	0	2	2	3	3	2	3	3	3	3	4	0	3	3	4	3	3	
23	6	4	4	4	4	9	8	10	9	9	9	7	5	8	8	7	4	4	4	4	5	5	8	7	6	
24	7	7	8	7	11	16	14	21	20	18	13	8	6	8	7	7	7	7	4	4	4	6	4	5	9	
25	9	5	7	6	7	10	8	1	5	5	5	5	6	5	7	4	4	3	2	2	3	3	3	3	5	
26	3	3	4	3	3	4	5	6	5	4	4	4	5	5	5	5	4	4	3	3	4	5	9	8	5	
27	7	4	6	3	5	----	6	7	6	6	5	4	4	9	9	10	12	8	2	3	1	0	0	0	5	
28	2	12	14	15	10	6	9	10	13	11	12	5	10	11	8	13	10	13	12	9	7	4	7	5	10	
29	4	4	3	3	----	----	----	2	2	4	3	4	4	7	6	5	----	8	6	2	3	4	2	0	4	
30	0	0	0	0	0	0	3	2	1	0	1	0	3	2	1	3	2	2	3	0	1	2	2	2	1	
MEAN	5	4	4	5	5	6	6	7	6	6	6	5	6	6	6	7	5	5	5	5	4	5	5	5	5.3	

PERCENTAGE OF DATA VALID - 96.4

PERCENTAGE OF DATA INVALID - 3.1

PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. --- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

	STATION - WC NO 29025					BARTON/WENTWORTH HAMILTON												MONTH - JUL 80									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	0	0	2	0	1	2	3	5	2	1	0	2	3	1	3	0	3	2	4	2	0	3	3	3	2		
2	2	3	3	2	3	6	6	7	4	7	----	8	7	7	8	5	5	4	5	7	5	3	5	3	5		
3	8	4	5	5	3	6	7	6	7	2	7	6	12	14	6	4	3	0	1	5	5	3	2	6	5		
4	5	4	5	2	2	----	----	4	4	3	----	5	6	24	7	6	2	0	2	3	3	4	4	5			
5	5	6	10	8	2	3	4	3	----	5	3	5	2	0	3	5	2	2	0	0	0	3	2	0	3		
6	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3			
7	4	1	2	2	2	3	7	7	6	3	3	4	4	3	4	3	5	4	1	4	3	2	2	4	0		
8	3	3	2	2	2	6	6	3	3	3	6	7	3	3	5	----	----	3	2	1	2	2	3	3	3		
9	2	0	2	2	3	3	7	9	5	8	8	7	6	2	0	6	4	3	0	3	6	8	8	12	5		
10	12	17	11	8	9	11	18	14	8	9	7	7	9	7	6	----	----	6	5	5	4	4	4	5	8		
11	4	4	5	5	5	6	----	7	7	6	4	5	4	4	6	9	8	7	5	2	2	3	1	3	5		
12	0	0	2	1	2	3	4	3	0	0	2	0	3	0	2	2	0	0	0	0	0	0	0	1			
13	1	4	2	1	4	6	5	2	7	5	2	1	3	2	2	0	0	2	2	0	2	0	2	2	2		
14	2	----	3	3	4	6	8	7	8	7	4	4	4	4	5	6	5	5	3	5	5	6	4	5			
15	4	4	4	4	4	5	6	8	13	12	15	7	8	7	6	4	3	4	5	4	4	4	4	4	6		
16	3	3	3	4	4	4	7	9	7	7	5	11	7	5	6	6	4	2	3	3	3	2	2	2	5		
17	1	2	2	2	3	4	5	5	4	4	4	3	6	3	6	9	3	3	1	2	3	2	2	2	3		
18	5	4	2	3	4	7	10	6	----	----	8	8	14	13	8	9	5	4	4	3	2	3	2	3	6		
19	3	2	2	2	2	4	3	3	3	3	3	4	5	5	4	4	3	4	4	4	6	6	5	5	4		
20	5	4	3	3	3	2	3	3	4	4	4	3	3	3	3	4	4	4	4	4	4	4	4	3	4		
21	3	3	2	2	2	4	4	5	5	4	0	3	6	6	4	6	4	4	3	3	4	4	3	3	4		
22	3	3	2	3	5	4	5	8	8	9	6	5	6	7	5	5	8	6	4	2	3	3	2	2	5		
23	0	0	1	1	2	2	0	0	3	3	7	7	3	3	1	1	0	0	4	1	2	4	6	8	2		
24	6	7	3	4	4	5	6	6	7	4	5	3	3	5	3	3	3	2	3	2	3	2	2	2	4		
25	1	2	2	3	4	5	7	8	4	5	----	3	5	6	5	6	3	3	2	3	4	3	3	3	4		
26	3	3	3	3	3	3	5	6	5	6	12	12	10	8	8	6	6	6	7	10	6	6	5	6			
27	5	6	7	7	9	12	12	10	11	11	11	12	9	5	9	8	10	12	12	7	12	6	6	5	9		
28	3	3	7	3	8	14	13	11	8	7	5	7	9	4	4	6	3	4	2	4	4	4	4	4	7		
29	3	2	2	2	3	4	7	8	9	6	8	5	4	4	6	9	7	3	3	4	4	4	6	5	5		
30	5	4	3	3	5	5	6	5	7	3	3	2	4	4	4	6	2	2	4	6	3	3	5	4	4		
31	4	4	3	3	7	10	11	8	8	7	6	6	6	5	7	10	10	8	14	17	13	13	10	8	8		
MEAN	3	3	3	3	4	5	6	6	6	5	5	5	6	5	5	5	4	4	3	4	4	4	4	4	4.4		

PERCENTAGE OF DATA VALID - 97.3

PERCENTAGE OF DATA INVALID - 2.0

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON														MONTH - AUG 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	7	7	9	8	8	13	12	9	8	8	----	5	5	5	7	4	5	4	6	6	3	4	4	7
2	3	3	3	3	4	5	----	----	5	5	4	5	4	4	2	2	2	2	2	3	3	3	3	4	3
3	2	2	2	0	2	3	3	2	3	4	2	2	2	2	2	2	1	2	2	2	2	3	3	2	5
4	4	3	3	3	2	5	4	5	5	10	4	6	4	4	7	6	7	6	5	3	6	5	6	5	4
5	3	3	3	4	5	8	11	----	----	----	5	7	5	7	7	6	6	4	2	2	2	1	0	2	4
6	2	1	2	0	2	4	5	5	6	5	7	4	3	4	3	5	4	3	4	5	3	3	3	4	4
7	3	3	3	3	4	4	7	7	6	7	7	5	6	6	5	6	7	-	4	5	5	6	6	4	5
8	5	3	4	3	5	3	9	8	6	5	5	4	6	5	8	7	5	3	3	3	3	3	2	2	1
9	2	2	0	0	0	2	2	2	3	2	0	3	2	1	2	0	0	0	0	3	0	0	0	0	1
10	1	0	0	0	4	4	6	4	5	6	4	5	4	2	2	4	5	4	6	3	4	3	4	3	3
11	5	7	7	8	13	9	13	10	19	6	6	6	7	6	4	7	----	5	6	7	9	4	4	4	7
12	3	3	2	3	3	5	5	4	4	3	3	3	2	2	2	7	4	3	3	2	2	2	2	2	3
13	2	0	1	2	2	5	4	5	3	3	3	2	2	3	3	4	2	2	3	3	3	2	2	4	3
14	2	1	0	1	5	5	7	5	5	6	5	6	5	5	6	6	4	4	4	6	5	4	3	2	4
15	2	2	2	2	2	4	7	6	4	3	----	2	3	3	3	3	2	3	3	2	5	3	2	2	3
16	3	1	1	0	2	2	3	2	0	0	0	0	0	3	7	6	5	3	0	0	2	3	2	0	3
17	3	5	2	2	3	4	4	4	8	9	9	9	9	11	7	3	3	3	2	2	3	3	3	4	5
18	2	1	2	3	2	7	5	6	6	5	----	----	----	0	12	8	6	5	5	5	4	3	4	3	4
19	7	5	4	5	4	6	8	7	8	6	6	4	3	3	3	5	6	4	2	4	7	6	5	4	5
20	6	7	10	6	7	8	----	7	15	17	24	17	12	10	9	7	8	7	6	9	6	7	9	11	10
21	13	8	-	----	5	7	9	12	----	16	14	12	11	10	9	12	9	10	12	8	8	5	10	6	10
22	5	4	3	3	4	8	7	8	9	10	8	8	8	9	16	13	11	8	8	9	8	4	4	4	7
23	5	7	7	5	4	5	6	4	7	6	6	9	8	10	7	8	9	7	4	4	4	4	3	2	6
24	2	5	7	5	3	3	3	4	5	8	6	5	8	4	3	4	2	2	2	4	6	9	8	13	5
25	----	7	6	6	9	10	17	18	15	11	8	5	7	6	5	4	5	5	4	4	4	4	3	3	7
26	3	3	3	3	5	7	7	-	8	8	7	7	9	7	9	11	9	7	5	5	5	7	5	6	6
27	5	5	4	4	5	10	12	13	11	12	8	9	9	9	8	11	7	7	5	5	6	7	6	5	8
28	2	4	9	6	7	9	11	7	9	7	6	8	15	6	10	11	6	6	5	8	9	6	8	5	8
29	6	6	8	5	8	12	15	13	12	15	15	----	11	11	8	11	11	9	12	11	8	6	4	4	10
30	4	4	6	6	7	9	9	11	9	9	3	3	4	4	5	9	6	6	6	7	6	6	4	5	6
31	5	4	3	3	3	3	3	3	2	1	2	2	3	3	3	3	3	2	3	3	3	2	2	3	3
MEAN	4	4	4	3	4	6	7	7	7	7	6	6	6	5	6	6	5	5	4	5	5	4	4	4	5.2

PERCENTAGE OF DATA VALID - 97.4

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. --" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON														MONTH - SEP 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	2	2	3	2	2	2	1	1	3	0	2	3	3	5	4	3	3	2	2	3	2	1	2
2	1	1	0	0	4	9	11	9	9	13	9	9	8	6	3	7	4	3	3	4	3	4	5	5	5
3	7	4	2	2	3	4	6	3	4	3	4	4	4	3	8	8	5	3	4	3	5	7	11	9	5
4	7	10	11	10	6	14	18	21	16	15	18	18	16	11	8	9	9	6	5	-	5	3	3	3	11
5	2	2	4	2	3	7	9	8	----	8	4	5	3	3	5	3	3	3	3	3	3	3	3	3	4
6	4	4	3	3	4	4	6	5	6	6	4	3	3	4	2	0	0	0	0	2	3	2	3	4	3
7	4	3	3	3	2	3	3	3	3	3	2	1	1	3	2	2	1	1	2	4	4	2	4	2	3
8	2	3	4	9	6	13	16	16	14	11	10	12	11	11	11	8	8	7	5	6	6	17	8	10	9
9	11	15	15	9	6	9	7	9	10	8	9	8	7	5	8	7	3	3	3	2	2	3	2	0	7
10	1	0	0	0	3	5	8	9	5	3	3	2	4	3	3	4	3	3	2	5	4	3	2	2	3
11	3	3	2	3	2	4	4	6	6	5	4	3	4	4	4	3	3	3	3	4	5	6	5	5	4
12	4	8	6	10	9	13	14	18	16	14	----	19	14	17	15	14	21	20	23	6	18	20	22	11	14
13	19	11	11	13	12	26	14	7	17	15	16	6	14	16	15	7	10	0	0	0	0	0	0	0	12
14	12	13	8	5	6	9	11	8	4	3	4	2	4	3	2	0	0	2	3	5	5	4	2	4	5
15	0	1	2	0	0	3	5	-	6	9	12	10	12	6	10	7	6	4	3	7	5	6	6	4	5
16	3	3	5	9	7	8	9	12	10	12	10	7	7	7	8	12	7	6	6	10	11	9	5	3	8
17	3	3	4	4	4	4	5	6	6	6	4	3	3	2	3	3	4	3	3	8	2	0	2	1	4
18	3	1	3	4	4	9	13	10	7	7	7	5	6	6	6	6	6	4	5	5	11	8	7	3	6
19	2	2	3	3	4	6	9	11	7	3	4	4	4	16	17	14	11	7	8	10	12	14	18	21	9
20	16	11	9	27	14	18	10	7	7	5	5	5	5	5	4	6	6	6	5	7	10	8	8	7	9
21	11	10	5	7	7	14	9	4	7	22	26	7	4	3	3	3	3	2	3	3	3	3	3	1	7
22	0	0	1	0	3	9	7	9	10	10	8	12	6	5	7	8	6	3	4	0	2	1	1	0	5
23	0	0	2	0	2	4	5	7	4	4	3	1	2	2	3	3	8	6	4	2	2	1	1	2	3
24	1	1	0	2	2	3	8	10	10	3	8	9	8	10	5	5	5	3	6	4	5	5	6	5	5
25	5	7	6	5	6	9	18	15	17	17	21	23	14	29	18	15	13	10	10	12	6	4	3	3	12
26	2	3	2	2	0	3	4	4	----	3	4	4	5	4	3	3	2	2	3	3	5	4	3	3	3
27	6	7	4	3	3	-	4	6	4	3	2	2	1	2	3	3	3	4	4	4	5	7	7	7	4
28	5	5	8	5	5	6	7	3	5	0	3	4	2	4	4	3	3	4	6	3	2	3	8	4	4
29	5	3	9	9	9	16	21	16	13	21	13	9	15	18	15	13	11	9	9	10	17	18	16	15	13
30	17	21	19	18	14	7	9	10	11	14	9	10	8	10	10	-	7	7	7	7	6	7	6	5	10
MEAN	5	5	5	6	5	8	9	9	8	8	8	7	7	7	7	6	6	5	5	5	6	6	6	5	6

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 CONCS/1000 FT											
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON														MONTH - OCT 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	7	5	7	6	10	10	9	9	9	7	10	8	7	9	10	7	7	5	3	5	5	3	7
2	2	2	3	3	3	5	5	8	8	7	7	4	4	4	4	-	---	6	6	6	5	6	6	5	5
3	3	8	7	13	10	12	11	19	13	13	1	9	5	7	8	8	12	7	8	7	2	3	2	3	8
4	4	4	4	3	2	4	5	5	4	3	2	2	2	2	3	2	4	3	4	3	3	3	3	2	3
5	2	3	1	0	0	1	2	3	4	4	1	1	3	3	2	2	2	3	4	5	5	5	7	4	3
6	3	2	2	3	4	8	16	11	8	7	6	4	5	6	6	8	7	-	6	8	5	5	4	5	6
7	5	7	11	6	10	16	22	19	15	12	9	8	6	5	7	9	6	4	5	5	6	7	8	9	9
8	6	4	5	6	7	10	9	9	8	-	-	5	8	6	6	9	7	7	8	8	6	4	4	3	7
9	0	2	0	0	0	2	3	6	5	3	6	9	11	10	5	7	9	7	11	11	4	3	3	4	5
10	3	10	9	9	13	21	23	25	9	16	13	11	9	15	16	14	11	11	13	12	9	11	17	15	13
11	11	14	8	7	6	6	7	8	7	6	6	8	7	3	4	3	3	3	2	3	3	3	3	3	6
12	2	0	0	0	0	0	1	2	3	5	2	1	3	3	1	5	2	1	2	2	3	3	2	3	2
13	3	2	2	1	0	1	3	3	2	3	2	2	2	2	4	2	1	1	3	6	4	2	3	3	3
14	3	3	4	4	5	10	11	13	12	7	5	5	6	5	7	6	4	7	5	5	7	5	5	6	6
15	4	8	14	11	8	8	8	12	10	12	9	15	18	19	14	18	24	21	21	22	12	16	17	19	14
16	20	22	17	16	18	13	10	12	15	17	22	19	17	14	16	18	15	19	10	13	14	13	15	12	16
17	13	13	8	10	12	17	26	28	33	21	23	10	9	8	8	7	5	5	5	4	3	3	3	2	12
18	0	0	0	0	1	1	2	1	2	3	2	2	2	1	1	2	2	1	3	2	3	2	2	2	2
19	2	1	2	0	1	1	2	2	2	2	0	0	0	2	0	2	1	5	5	4	3	3	3	2	2
20	2	2	2	3	3	4	4	8	8	6	7	5	4	2	6	6	5	4	3	3	3	3	4	4	4
21	2	2	2	2	3	4	6	6	7	2	3	3	3	4	4	6	4	3	4	3	3	4	5	5	4
22	3	3	3	2	3	5	6	8	6	5	5	3	5	4	3	3	3	3	3	3	3	2	6	13	4
23	3	2	2	2	2	4	6	8	20	5	5	4	4	5	8	7	13	5	5	6	3	6	7	5	6
24	6	6	5	5	5	15	20	20	15	7	-	10	11	12	10	10	8	13	10	15	15	16	13	8	11
25	4	3	2	2	2	3	3	3	6	6	-	7	6	6	4	4	2	4	1	2	2	2	2	2	3
26	2	0	0	0	2	0	0	0	0	0	0	0	0	0	1	2	3	3	3	2	2	2	2	2	1
27	1	1	1	0	0	2	2	3	3	-	3	4	3	4	4	5	7	7	11	7	7	4	6	5	4
28	5	4	4	5	6	8	9	13	12	5	3	3	3	3	2	2	5	3	3	3	5	3	2	2	5
29	2	3	3	3	4	3	8	7	7	4	4	3	5	4	5	5	7	5	4	5	3	3	3	4	4
30	3	3	3	3	3	3	5	6	6	4	4	9	3	3	3	6	6	6	5	5	4	4	3	2	4
31	2	3	3	3	3	3	4	6	6	-	-	4	3	3	3	3	4	4	4	3	2	2	-	U	3
MEAN	4	5	4	4	5	6	8	9	9	7	6	6	6	6	6	6	6	6	6	6	5	5	6	5	5.8

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 CONCS/1000 FT											
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON														MONTH - NOV 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	2	0	1	2	2	2	2	2	0	0	0	3	2	0	1	0	3	3	2	2	2	2
2	2	2	2	2	2	0	2	2	1	2	2	0	2	3	0	2	2	3	7	13	5	5	13	9	3
3	9	8	3	-	3	4	11	12	12	6	4	5	4	5	6	10	7	5	5	5	4	4	4	4	6
4	3	2	2	2	2	2	3	4	5	4	5	5	4	5	6	6	6	5	5	5	2	2	2	2	4
5	0	1	1	0	2	2	5	5	5	3	1	1	2	2	3	4	4	3	4	3	3	2	5	3	3
6	3	3	2	2	3	3	4	5	5	5	3	3	4	4	5	4	5	5	3	3	4	9	4	4	5
7	3	3	3	3	3	5	7	7	9	7	6	0	5	6	7	6	8	10	9	7	4	4	2	2	5
8	2	2	1	0	0	0	0	0	1	0	2	5	4	2	2	3	3	4	5	4	5	6	6	7	3
9	6	7	8	7	9	11	7	6	6	5	4	4	3	3	3	2	2	2	3	2	1	0	0	0	4
10	1	0	0	1	0	0	1	2	4	3	2	2	3	3	2	3	3	2	2	2	2	2	4	4	2
11	4	4	3	3	1	1	1	2	3	2	2	2	3	2	2	2	3	2	6	6	6	4	3	4	3
12	2	3	2	6	4	4	4	5	5	3	4	4	3	3	3	5	7	8	5	5	3	5	-	-	2
13	5	----	----	4	3	6	7	8	8	6	6	6	6	5	6	6	7	8	8	9	10	13	13	14	8
14	13	9	9	7	8	8	8	8	5	-----	-----	-----	-----	-----	4	1	5	3	2	3	3	0	2	3	5
15	3	3	2	1	0	0	4	3	4	4	3	3	3	2	3	4	3	2	2	3	2	1	1	2	2
16	0	0	0	0	1	3	4	5	5	2	0	0	1	0	2	3	2	5	6	9	6	5	5	11	3
17	9	4	7	9	9	7	11	13	13	9	-	6	6	----	0	6	8	6	5	5	10	6	9	8	8
18	----	14	4	3	1	2	4	3	4	3	3	2	3	2	3	4	4	5	4	3	4	4	2	2	4
19	3	3	3	2	2	3	5	5	6	5	6	4	4	5	5	7	8	6	4	5	6	5	5	6	5
20	6	6	5	6	6	9	11	13	13	11	8	9	6	8	7	10	11	7	6	7	7	6	6	5	8
21	5	5	4	5	5	8	8	8	----	7	6	6	4	4	4	3	5	4	3	3	3	3	3	2	5
22	2	2	2	2	2	2	4	3	5	4	3	3	3	3	3	4	5	6	4	5	7	5	5	5	4
23	4	5	4	4	5	5	4	5	6	6	5	6	6	7	10	7	9	4	6	7	7	6	7	8	6
24	6	7	8	11	11	9	10	11	8	9	9	9	9	7	7	7	10	9	7	3	2	3	2	3	7
25	2	2	2	2	3	3	4	5	10	10	7	4	5	4	3	4	7	7	7	5	4	6	5	6	5
26	7	4	3	4	4	4	7	8	10	9	6	4	3	3	4	5	11	8	9	11	12	9	6	9	7
27	-	10	7	8	7	6	6	6	6	5	5	10	9	7	7	9	10	9	5	6	6	5	7	9	7
28	11	9	8	10	12	11	12	18	20	16	10	4	6	6	7	8	10	9	6	5	4	5	5	5	9
29	4	3	4	2	0	0	2	3	4	3	4	4	4	3	4	----	4	3	3	4	4	4	3	2	3
30	2	3	2	2	2	2	2	3	2	2	2	2	2	1	2	4	3	4	3	3	2	3	3	2	2
MEAN	4	4	4	4	4	4	5	6	6	5	4	4	4	4	4	5	6	5	5	5	5	4	5	5	4.6

PERCENTAGE OF DATA VALID - 98.2

PERCENTAGE OF DATA INVALID - 1.4

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON													MONTH - DEC 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	3	3	5	6	9	11	8	----	6	----	12	6	8	14	15	12	12	16	16	14	15	9
2	10	9	9	12	6	12	14	17	16	7	----	0	8	8	7	8	5	2	3	1	9	9	22	5	9
3	9	2	0	2	3	3	2	3	5	4	4	3	3	3	4	8	5	2	2	2	3	4	5	4	4
4	3	2	1	0	1	2	3	6	6	7	10	----	----	5	3	4	8	5	7	7	7	7	6	7	5
5	9	7	8	6	6	8	7	12	10	2	8	7	4	5	6	8	9	7	5	11	11	11	12	10	8
6	7	8	4	5	7	7	9	9	8	6	7	6	6	7	6	5	6	7	8	8	6	5	7	7	7
7	7	7	8	8	8	9	7	8	7	9	7	9	8	7	9	11	17	14	12	12	7	6	5	6	9
8	6	4	4	4	3	5	7	7	7	6	5	5	5	6	5	5	8	5	3	5	4	6	3	3	5
9	3	1	2	2	3	3	6	8	5	8	2	2	4	4	3	3	6	5	11	8	7	3	3	3	4
10	3	3	3	3	2	3	4	6	5	6	5	4	3	3	4	5	7	7	6	4	4	1	3	2	4
11	4	8	5	8	7	3	6	9	5	6	4	8	4	4	4	5	9	3	4	5	7	7	7	7	6
12	4	4	4	4	5	4	9	9	10	9	7	----	9	10	7	7	8	6	6	6	8	5	4	4	6
13	3	3	3	3	1	1	2	5	2	2	2	2	0	1	3	2	2	4	4	5	3	3	2	3	3
14	3	2	2	4	5	4	1	2	3	8	3	2	2	1	3	1	3	4	5	4	5	3	3	3	3
15	2	2	1	3	3	5	8	10	11	11	11	9	5	0	----	----	15	8	11	13	11	10	9	8	8
16	7	6	4	4	4	4	4	5	7	5	5	4	4	----	4	5	5	4	3	2	3	3	2	3	4
17	2	2	1	0	2	2	3	5	6	9	12	11	7	6	7	8	9	7	4	5	7	7	4	4	5
18	----	----	----	3	4	3	4	5	7	6	8	6	4	4	3	4	7	4	4	5	3	7	7	7	5
19	2	3	2	1	3	1	3	6	4	----	3	2	2	5	5	8	6	4	3	4	4	4	4	4	4
20	3	3	3	3	2	2	3	4	7	4	4	3	2	3	4	3	3	4	3	5	4	4	4	4	3
21	3	3	2	2	2	2	3	3	4	3	3	3	5	3	3	4	4	5	6	5	5	5	5	5	4
22	4	3	4	4	4	8	11	13	12	13	9	10	9	7	8	8	10	8	8	7	9	8	11	14	8
23	15	13	11	9	10	11	13	13	----	----	12	9	9	9	6	9	8	6	6	7	7	8	6	9	9
24	7	7	7	7	7	8	9	10	11	11	5	6	5	3	2	0	1	1	0	2	1	1	1	2	5
25	1	1	1	1	1	2	3	4	6	8	9	5	4	4	4	3	3	4	4	6	5	6	7	5	4
26	5	4	2	2	3	5	4	4	6	6	4	4	5	4	6	6	6	7	6	6	8	6	6	6	5
27	6	6	6	7	8	11	13	11	15	13	8	7	10	9	7	7	6	10	10	12	19	22	25	11	11
28	22	25	21	23	18	20	19	16	13	6	5	6	6	5	6	6	7	8	7	9	10	9	9	10	12
29	9	8	8	6	9	9	11	16	13	0	17	22	13	11	9	10	11	12	11	6	4	4	4	4	9
30	3	1	2	2	0	0	0	2	3	3	4	4	3	3	4	4	4	3	3	3	3	3	4	4	3
31	4	3	4	3	3	4	6	5	6	5	5	8	5	4	4	3	4	4	3	3	3	2	2	7	4
MEAN	6	5	4	5	5	5	6	8	8	7	6	6	5	5	5	6	7	6	6	6	6	6	7	6	5.9

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. ----- INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. --- INDICATES DATA IS UNAVAILABLE

3. ----- INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4.6	11	28
FEB	29	5.1	12	18
MAR	31	5.9	11	35
APR	29	6.7	11	31
MAY	30	5.0	10	28
JUN	30	5.3	12	25
JUL	31	4.4	9	24
AUG	31	5.2	10	24
SEP	30	6.5	14	29
OCT	31	5.8	16	33
NOV	30	4.6	9	20
DEC	31	5.9	12	25
YEAR	364	5.4	16	35

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - WC NO 29025

BARTON/WENTWORTH HAMILTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	430	262	35	4	4	0	0	735
FEB	370	269	42	6	0	0	0	687
MAR	335	313	67	15	4	1	0	735
APR	276	281	101	28	6	1	0	693
MAY	428	228	50	12	5	0	0	723
JUN	348	270	60	13	3	0	0	694
JUL	434	254	32	3	1	0	0	724
AUG	356	317	44	7	1	0	0	725
SEP	333	258	69	38	15	0	0	713
OCT	374	254	62	28	14	1	0	733
NOV	393	281	30	3	0	0	0	707
DEC	316	323	60	11	8	0	0	718
YEAR	4393	3310	652	168	61	3	0	8587

FREQUENCY DISTRIBUTION BY PERCENTILES

 PERCENT
OF DATA
VALID

MIN

10

30

CONCENTRATIONS

FREQUENCY DISTRIBUTION

PERCENT

95

98

99

MAX

 ARITH
MEAN

97.8

0

1.2

2.5

3.9

5.9

10.1

12.8

16.2

18.8

35

5.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 31001

67 COLLEGE ST FIFTH FLOOR

TORONTO

MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	14	12	18	17	8	8	9	4	5	6	5	6	4	6	2	4	4	4	2	4	6	3	4	7
2	5	3	3	0	2	3	4	4	7	9	5	4	1	5	3	3	4	5	4	3	3	3	3	3	4
3	2	0	0	1	0	2	3	6	8	7	5	2	3	2	3	3	2	4	4	4	4	3	5	4	3
4	6	2	2	4	4	5	3	7	8	7	6	4	3	2	3	7	3	3	3	3	3	5	4	3	4
5	2	2	2	1	2	0	2	2	2	2	4	3	3	2	0	2	3	4	5	7	7	7	8	7	3
6	5	3	5	3	3	4	4	4	4	5	8	8	3	1	1	2	3	2	2	3	2	4	6	4	4
7	6	4	4	3	3	1	3	5	7	3	3	4	4	5	3	3	5	8	5	4	3	1	3	3	3
8	0	0	0	2	3	3	3	6	7	7	5	4	3	2	2	2	2	2	3	3	2	3	2	4	3
9	1	0	0	1	2	3	3	6	7	7	5	4	3	2	2	2	2	2	3	3	2	3	2	4	3
10	4	4	3	2	2	5	7	8	11	9	10	4	3	4	6	4	3	3	3	3	3	6	6	6	5
11	6	5	5	6	6	7	4	3	5	5	5	5	6	3	3	6	5	4	4	0	0	1	0	0	4
12	1	2	0	2	0	1	0	0	2	2	3	3	1	2	1	1	0	2	3	3	4	3	3	4	2
13	4	3	3	5	6	5	3	4	4	3	3	3	2	3	3	3	3	4	3	3	3	3	3	3	3
14	2	3	3	4	3	4	5	4	6	8	11	7	6	6	7	7	3	7	6	3	4	5	5	5	5
15	3	4	4	5	4	4	4	7	10	11	6	4	4	3	2	3	4	4	4	3	2	2	2	2	4
16	3	3	2	2	3	3	2	3	3	5	4	3	4	4	2	3	3	5	3	2	3	3	3	3	3
17	3	3	3	3	4	4	5	7	9	11	10	8	7	8	8	7	6	7	8	9	6	0	3	4	6
18	4	5	3	4	4	5	9	2	5	7	7	6	5	7	6	6	3	4	4	2	2	3	4	0	4
19	2	2	3	2	2	0	0	0	2	2	0	0	0	0	0	0	2	0	1	1	2	2	3	0	1
20	0	0	0	0	1	1	0	1	0	0	0	0	0	0	1	0	0	0	0	2	3	2	3	2	1
21	2	2	1	2	0	2	1	3	4	4	3	2	2	2	2	4	3	2	2	5	7	6	6	6	3
22	7	7	4	5	3	3	5	3	6	5	5	6	5	5	5	6	7	5	4	4	4	4	4	4	5
23	3	3	0	0	0	0	1	2	3	2	2	2	0	2	0	2	2	2	2	2	2	2	4	0	2
24	0	0	0	0	0	0	2	2	4	2	2	2	3	2	2	3	6	4	4	4	4	4	5	4	2
25	6	6	4	5	8	6	6	8	10	10	8	5	4	4	7	6	6	6	6	5	6	6	5	6	6
26	4	4	3	3	3	2	3	3	2	1	1	3	2	1	0	0	2	2	4	4	4	4	3	3	2
27	3	2	0	0	2	0	1	0	0	3	3	2	3	2	0	1	3	5	4	4	4	4	3	3	3
28	2	3	3	4	2	2	2	4	4	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	4
29	3	2	3	3	2	3	4	7	9	9	6	3	3	3	3	3	3	3	3	3	2	3	4	5	3
30	2	2	2	0	0	0	3	3	7	3	3	3	3	2	1	5	4	3	3	3	2	3	4	5	3
31	5	3	2	3	3	4	9	15	10	6	5	4	4	2	3	3	4	3	3	2	3	4	1	2	4
MEAN	4	3	3	3	3	3	4	4	5	5	5	4	3	3	3	3	3	4	4	3	3	3	4	3	3.5

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO													MONTH - APR 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	3	4	3	3	4	5	8	9	-	-	4	5	6	4	8	6	7	5	5	3	4	5	6	5
2	8	11	7	8	9	9	6	7	4	3	5	4	3	3	7	6	4	6	5	3	2	2	2	2	5
3	2	2	2	3	2	3	4	5	2	2	1	2	-	2	2	2	3	3	4	2	1	0	2	1	2
4	0	2	2	1	0	2	3	6	6	5	7	4	4	4	4	2	0	2	2	0	1	0	0	0	2
5	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	1	2	2	3	3	4	4	1
6	4	4	3	4	2	1	2	1	2	0	0	0	0	0	0	0	0	0	2	2	2	0	0	0	1
7	0	0	1	0	2	2	3	4	7	7	4	6	4	7	6	16	12	6	7	5	5	6	3	4	5
8	5	3	6	2	3	4	4	4	5	5	5	3	2	3	2	3	4	4	3	2	4	0	3	-	3
9	3	3	2	0	5	4	6	6	7	7	11	8	5	6	4	6	3	5	4	3	3	4	2	3	5
10	2	4	1	0	2	2	3	3	6	2	4	3	4	3	5	5	4	5	3	3	3	3	3	4	3
11	3	2	2	2	2	2	3	3	3	3	3	5	4	4	4	7	6	6	4	4	4	5	3	4	4
12	6	7	6	4	5	5	4	5	5	4	7	10	7	4	7	5	7	2	2	2	2	2	2	2	1
13	1	2	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	2	0	2	2	2	2	2
14	1	2	0	0	0	0	0	0	0	2	4	2	0	2	3	2	3	3	4	3	4	3	4	2	4
15	1	0	0	2	0	2	3	3	3	3	4	4	3	3	3	3	5	4	3	4	5	4	1	0	3
16	0	0	0	0	0	0	0	0	0	2	2	2	1	1	0	0	3	1	3	0	1	1	2	2	3
17	3	3	3	4	3	5	6	9	6	6	6	6	4	3	3	4	4	5	5	4	5	5	4	6	5
18	4	5	6	6	5	5	5	7	6	4	7	11	10	10	9	7	6	3	3	2	2	3	3	4	7
19	4	6	4	3	2	2	3	6	6	5	4	4	8	7	8	9	10	15	16	9	10	5	5	5	0
20	6	5	2	1	3	3	4	3	3	3	1	0	3	2	0	0	1	2	0	2	0	1	0	0	2
21	0	1	1	3	2	2	1	3	3	***	0	2	0	0	0	1	2	0	0	0	0	-	-	2	1
22	3	2	2	2	2	3	2	1	1	1	1	3	0	2	1	0	1	1	0	1	1	1	-	2	1
23	0	1	0	0	0	1	2	3	3	2	3	3	2	3	2	6	5	4	0	1	2	3	2	1	2
24	2	0	1	3	2	2	3	3	3	4	2	2	3	3	5	1	3	2	2	2	3	3	5	3	3
25	3	3	2	2	2	3	4	4	4	4	3	6	3	1	5	4	7	8	4	3	2	2	3	3	4
26	3	2	4	3	3	3	1	1	3	4	5	3	2	3	3	3	4	4	5	6	7	5	8	5	4
27	3	2	3	3	3	2	3	2	2	3	0	0	0	0	2	2	2	2	2	2	2	3	2	2	1
28	2	2	0	0	0	2	2	2	2	3	***	0	3	3	2	0	2	2	0	1	1	0	0	0	1
29	0	0	0	0	1	0	2	3	2	3	2	3	2	2	2	3	2	2	2	3	2	3	3	4	2
30	4	4	3	3	4	5	6	12	12	10	9	9	8	8	8	10	12	9	5	-	7	10	7	6	7
MEAN	3	3	2	2	2	3	3	4	4	3	4	4	3	3	3	4	4	4	3	3	3	3	3	3	3.1

PERCENTAGE OF DATA VALID - 98.6

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO													MONTH - MAY 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	3	4	4	4	6	5	7	5	2	5	12	9	9	-	10	0	3	5	8	6	2	1	5
2	1	2	1	1	2	3	6	20	19	18	15	11	13	11	8	9	4	2	3	4	3	6	4	5	7
3	3	5	5	6	7	7	4	3	5	5	5	7	4	3	3	2	2	1	0	0	1	0	1	3	3
4	3	2	3	3	2	2	1	0	2	3	2	2	2	3	3	3	3	4	2	1	2	2	4	3	2
5	2	5	0	2	3	2	4	11	11	9	***	10	11	6	3	3	3	3	2	3	5	3	2	2	5
6	2	0	1	2	0	1	0	3	0	5	2	2	2	2	2	3	4	4	3	2	2	2	3	3	2
7	1	7	4	3	3	3	5	5	4	3	2	1	2	2	2	2	2	0	0	0	0	0	0	1	2
8	0	0	0	0	2	3	4	4	2	2	2	***	1	3	3	3	1	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	2	2	2	2	1	0	1	2	2	0	0	0	3	2	1	2	2	2	1
10	1	1	3	2	5	3	4	3	10	7	5	2	2	2	2	3	3	3	1	0	5	3	3	3	3
11	3	4	4	2	2	4	4	3	3	4	4	5	5	2	3	0	2	0	0	0	2	2	2	2	3
12	2	4	4	3	4	6	4	16	8	4	4	2	3	7	3	3	1	4	5	4	4	3	2	2	4
13	4	2	8	6	4	4	6	4	6	4	4	4	4	8	6	6	6	8	4	6	5	7	2	7	5
14	3	2	2	1	0	1	3	5	5	3	2	2	4	6	2	3	2	2	0	2	0	2	2	-	2
15	1	2	0	0	0	2	3	4	3	1	3	1	2	2	2	0	2	1	0	1	1	2	3	3	2
16	3	3	2	2	3	5	7	10	11	9	7	5	7	6	3	3	3	3	2	4	2	4	5	11	5
17	9	5	4	3	7	9	4	3	2	2	2	2	3	2	2	2	0	0	2	0	0	0	1	0	2
18	3	2	2	0	0	1	1	0	2	2	4	5	5	3	-	2	0	0	2	0	0	0	1	0	2
19	0	1	0	0	0	0	0	0	0	0	3	3	2	3	2	0	***	***	***	***	***	***	***	***	1
20	***	3	***	***	***	***	***	6	4	0	2	2	3	2	2	2	2	0	2	3	3	4	3	4	3
21	5	4	3	3	3	4	5	8	8	10	8	6	6	6	8	7	7	4	3	4	4	5	8	7	6
22	4	3	3	2	3	4	6	7	14	15	13	12	12	10	9	9	6	7	5	3	5	5	5	6	7
23	7	6	5	5	5	10	13	15	18	14	13	17	12	15	11	10	8	7	7	7	9	10	7	3	10
24	3	3	4	5	2	2	3	5	9	12	10	7	7	6	7	4	3	3	3	3	3	3	4	5	2
25	0	3	3	2	2	2	2	2	2	2	0	0	3	2	3	3	0	0	0	0	0	2	0	0	2
26	0	2	2	0	0	2	2	2	2	0	***	0	1	2	2	2	2	1	0	0	2	2	2	2	1
27	2	0	0	0	1	1	2	4	3	2	2	2	1	2	1	2	2	2	3	3	3	2	3	2	2
28	0	2	0	1	1	0	2	4	5	5	5	2	2	4	3	4	3	3	2	3	4	6	8	7	3
29	9	6	4	5	3	3	3	3	3	2	***	2	2	2	1	2	1	1	0	3	2	2	1	3	3
30	1	3	3	4	3	4	6	9	9	10	10	10	11	10	11	10	7	8	6	5	7	6	3	2	7
31	2	2	2	1	3	3	4	5	6	5	4	4	4	1	2	0	0	0	0	0	0	0	0	0	2
MEAN	3	3	3	2	2	3	4	6	6	5	5	4	5	4	4	3	3	2	2	2	3	3	3	3	3.5

PERCENTAGE OF DATA VALID - 97.2

PERCENTAGE OF DATA INVALID - 2.4

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COMS/1000 FT													
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO												MONTH - JUN 80													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	1	0	2	2	2	1	2	1	0	1
2	0	0	0	0	0	1	4	8	10	12	13	13	12	12	13	12	10	5	2	2	2	2	3	3	6
3	3	2	0	0	2	2	4	3	5	7	5	5	0	3	4	2	2	2	0	0	0	1	2	0	2
4	0	0	1	1	0	2	4	3	2	3	1	2	2	3	3	2	2	0	0	0	3	2	2	1	2
5	2	1	2	3	1	2	6	5	4	4	5	2	2	3	4	4	4	4	5	3	2	3	2	2	3
6	2	2	2	2	2	2	5	5	7	9	7	8	7	5	5	5	5	4	3	4	3	4	3	4	4
7	3	3	2	2	2	3	2	3	3	4	4	3	3	2	5	3	3	3	3	2	3	4	4	7	3
8	7	6	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	1	1
9	2	1	2	2	3	3	4	5	6	7	1	0	2	2	0	1	0	0	0	0	0	2	3	2	2
10	0	1	0	0	0	0	2	3	0	0	2	0	2	0	0	1	0	0	0	0	0	3	1	0	1
11	0	0	0	0	0	2	3	3	3	6	4	5	4	6	2	2	1	0	0	2	1	2	4	5	2
12	6	5	6	8	6	6	7	9	7	4	5	4	3	3	5	4	3	3	2	3	3	4	4	5	5
13	6	4	7	7	6	6	9	11	12	9	8	4	3	5	6	6	6	5	5	5	7	6	7	5	6
14	6	7	7	7	10	9	8	***	***	***	8	7	6	7	6	5	7	8	6	6	8	6	6	8	7
15	6	6	7	9	10	11	13	6	6	5	6	6	2	2	0	0	0	0	0	0	0	0	0	0	4
16	0	0	0	0	0	0	2	3	3	2	***	1	0	0	0	2	2	0	2	0	2	0	2	1	1
17	1	1	2	3	2	3	5	8	13	6	5	5	3	2	3	6	2	3	3	2	3	4	4	3	4
18	2	3	3	3	3	5	7	8	6	6	9	6	5	5	3	6	3	6	4	5	5	5	3	3	5
19	2	3	3	3	3	4	3	3	5	4	3	2	3	4	3	4	4	3	3	4	2	2	2	3	3
20	4	2	2	0	0	0	1	0	0	1	0	0	0	0	5	0	3	0	2	2	4	3	4	4	3
21	4	3	3	2	2	2	2	3	2	4	6	5	3	6	4	3	4	3	3	4	6	4	5	6	4
22	9	4	5	4	7	7	7	7	5	4	4	4	3	3	3	3	3	4	4	3	3	3	6	5	5
23	5	4	4	4	4	7	9	15	13	11	12	13	***	10	9	11	6	4	3	3	6	8	9	8	8
24	10	8	13	10	19	12	13	15	16	17	13	10	10	13	11	10	-	8	6	5	5	7	9	10	11
25	7	7	7	6	7	7	11	18	16	14	12	14	13	9	9	9	7	7	6	4	6	3	5	5	9
26	4	7	6	5	7	10	10	14	11	10	9	9	6	8	7	9	8	2	2	3	3	3	3	3	7
27	6	7	6	4	4	5	6	9	6	5	6	4	4	3	3	1	0	2	0	0	2	3	3	4	4
28	0	1	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	5	0	0	0
29	1	2	2	27	11	3	2	2	2	2	1	2	0	1	2	0	3	2	3	0	4	3	5	0	3
30	2	0	2	2	0	0	0	3	***	2	2	4	2	2	2	3	5	3	3	3	0	0	3	2	2
MEAN	3	3	3	4	4	4	5	6	6	5	5	5	4	4	4	4	3	3	3	2	3	3	4	3	3.8

PERCENTAGE OF DATA VALID - 99.0

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COMS/1000 FT													
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO												MONTH - JUL 80													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	3	3	3	3	3	9	7	5	5	4	3	3	5	4	3	1	3	3	4	4	3	5	4
2	4	4	5	5	6	5	7	4	3	3	2	2	4	3	2	2	1	2	1	0	2	0	2	2	3
3	2	2	2	0	1	2	2	3	5	8	5	4	4	7	4	7	4	4	4	5	6	5	4	5	4
4	4	3	4	5	4	4	7	5	8	11	10	8	10	7	7	6	7	6	5	4	3	3	3	6	6
5	5	6	5	4	5	4	8	9	6	5	5	6	6	6	4	2	0	0	0	0	0	0	0	0	4
6	0	0	0	0	0	0	0	0	3	1	1	0	0	0	0	0	0	0	0	0	1	0	3	2	0
7	3	2	1	2	3	3	8	9	10	***	0	5	3	3	3	3	2	2	2	3	4	3	2	2	3
8	2	3	2	3	3	6	6	5	8	6	8	4	2	2	3	3	3	2	0	0	0	2	2	2	3
9	0	3	2	2	2	1	3	5	7	5	4	3	6	6	7	7	7	7	4	3	4	4	7	7	4
10	6	10	12	8	10	9	11	8	6	11	8	6	6	8	7	7	6	6	4	2	5	7	6	5	7
11	5	4	6	4	6	7	5	8	10	9	9	10	3	2	2	3	3	1	0	0	0	0	0	0	4
12	0	0	0	0	0	2	1	1	2	2	2	0	2	2	3	0	0	0	0	1	0	0	0	2	1
13	1	1	0	0	0	1	0	1	2	2	3	1	0	0	4	0	2	0	1	2	2	2	2	1	1
14	3	3	2	3	7	8	6	7	9	10	***	4	3	4	3	4	3	2	1	2	3	3	3	2	4
15	3	3	3	5	6	5	7	7	10	8	5	5	5	7	6	6	2	2	3	3	3	3	2	3	5
16	3	2	4	3	2	3	3	4	4	3	4	7	2	3	3	2	3	4	3	4	4	4	2	0	3
17	3	4	3	4	3	2	3	3	3	2	3	2	2	0	3	2	0	2	1	0	0	2	1	2	2
18	0	2	0	0	0	3	4	10	12	10	9	7	7	2	3	3	3	3	2	2	3	1	3	3	4
19	3	2	3	2	3	3	4	9	8	6	4	5	4	7	5	5	3	4	3	3	4	3	4	3	4
20	5	3	3	3	3	3	2	3	3	4	5	4	4	4	4	5	4	5	5	4	5	6	3	3	4
21	2	0	0	0	0	3	6	9	13	11	0	5	7	8	8	5	2	0	2	3	3	2	2	1	4
22	0	0	0	1	0	3	3	11	9	4	6	6	8	6	4	2	2	2	3	5	3	3	0	0	3
23	1	1	2	2	3	3	3	3	3	3	0	0	0	0	0	0	1	1	0	0	0	1	2	2	1
24	3	3	2	2	3	3	4	7	6	9	9	13	4	5	4	4	3	5	3	3	3	1	2	2	4
25	2	3	2	1	3	3	8	9	12	8	7	4	5	4	4	4	3	3	3	3	2	2	2	3	4
26	3	3	9	4	3	3	3	4	4	2	2	2	3	5	11	12	10	5	10	7	5	6	6	4	5
27	4	3	2	4	2	3	3	3	2	3	1	3	2	3	2	1	3	2	2	4	2	2	2	1	2
28	2	0	0	0	0	1	2	4	3	***	5	5	4	2	-	-	2	0	3	2	-	-	2	2	2
29	2	1	3	2	1	0	4	5	2	9	7	5	7	10	6	4	2	3	3	3	6	4	5	3	4
30	3	2	5	3	0	1	4	6	4	2	2	0	2	0	0	0	0	0	0	1	2	4	0	3	2
31	2	0	0	2	3	4	4	8	6	5	4	4	4	3	3	4	2	1	2	2	2	0	0	1	3
MEAN	2	2	3	2	3	3	4	6	6	6	5	4	4	4	4	4	3	2	2	2	3	3	2	3	3.4

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO														MONTH - AUG 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	2	2	2	3	4	****	****	11	9	12	5	4	4	3	3	2	3	2	3	3	5	6	4
2	6	2	3	2	2	4	3	6	5	6	6	4	6	5	4	2	0	2	0	0	2	1	2	1	3
3	2	2	2	1	0	2	2	2	3	4	4	4	3	3	3	3	3	3	2	0	0	0	0	0	2
4	2	2	2	2	2	3	2	5	7	5	4	0	0	0	1	0	0	2	0	0	1	1	0	0	2
5	0	0	0	0	2	1	4	5	9	8	7	8	4	5	3	5	5	4	3	0	2	1	0	1	3
6	2	1	2	2	2	3	5	6	6	5	10	5	5	4	2	1	1	****	****	0	3	5	6	4	4
7	3	4	4	4	4	5	6	10	10	8	8	7	7	9	8	5	4	-	2	2	2	2	2	2	5
8	2	5	4	4	4	7	7	1	11	8	9	4	3	4	6	6	5	3	2	1	1	2	0	0	4
9	1	0	0	0	0	0	2	2	2	2	2	0	0	4	3	2	3	2	2	0	0	0	0	1	1
10	1	0	0	0	****	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	1
11	2	1	0	0	1	2	5	5	4	3	2	3	2	2	2	2	****	2	0	0	1	2	0	0	1
12	2	2	0	5	2	4	5	11	10	5	3	11	2	1	2	0	1	0	0	0	2	0	2	0	3
13	1	0	0	2	1	2	7	4	5	3	5	4	6	3	4	4	3	3	4	2	2	2	3	6	3
14	6	3	3	3	1	3	7	8	6	7	11	6	4	4	10	6	2	2	2	2	2	2	2	0	4
15	0	2	0	0	4	0	2	3	2	3	1	1	2	1	2	2	0	1	2	0	1	0	0	2	1
16	2	0	2	2	0	2	4	1	0	1	1	2	1	0	0	0	0	0	0	3	0	1	2	2	1
17	0	2	0	2	0	3	2	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
18	1	1	2	0	0	2	4	3	7	****	****	4	4	5	6	4	3	3	3	3	4	3	5	3	3
19	5	6	5	10	10	6	****	****	9	5	4	4	3	0	5	6	5	4	6	5	5	4	6	2	5
20	3	3	2	2	3	2	5	4	4	4	2	4	3	3	1	2	3	1	2	2	1	2	2	2	3
21	2	3	-	****	3	2	3	4	3	4	0	4	3	2	2	0	2	0	2	1	2	0	2	2	2
22	4	5	2	3	3	2	4	7	4	4	4	3	4	2	3	4	2	3	2	2	4	0	3	3	3
23	3	6	4	3	3	0	5	2	2	2	2	0	4	4	7	7	4	3	4	3	0	0	0	2	3
24	0	0	0	0	0	0	1	3	3	6	4	3	2	0	0	1	0	0	2	2	0	2	4	4	2
25	6	6	3	3	7	9	13	14	10	11	****	10	11	6	6	5	4	4	4	3	3	3	2	3	6
26	3	3	3	2	3	3	6	-	12	13	11	6	7	6	8	7	4	5	3	3	4	4	4	3	5
27	5	4	4	4	3	5	6	7	10	15	11	11	10	9	12	10	12	5	4	5	6	3	2	3	7
28	2	0	0	0	0	0	2	3	2	3	2	2	2	3	2	0	1	1	0	0	0	1	0	1	1
29	1	0	4	2	2	0	3	6	5	1	3	3	3	2	2	2	2	2	3	2	2	2	2	3	2
30	3	2	2	2	3	2	5	5	4	5	2	2	2	3	5	4	4	6	2	5	4	5	3	5	4
31	7	6	4	3	3	3	4	1	3	2	4	3	4	3	3	2	3	5	3	4	2	4	0	3	3
MEAN	2	2	2	2	2	3	4	5	5	5	5	4	4	3	4	3	3	2	2	2	2	2	2	2	3.0

PERCENTAGE OF DATA VALID - 98.0

PERCENTAGE OF DATA INVALID - 1.6

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO													MONTH - SEP 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	1	0	2	2	3	3	6	2	2	2	3	3	5	3	2	2	2	1	2	0	2	2
2	2	2	2	3	2	2	5	10	8	7	8	7	***	6	2	3	3	3	2	2	0	3	3	3	4
3	2	2	0	0	0	2	6	4	5	3	3	2	4	5	3	3	3	2	3	4	3	3	2	2	3
4	3	3	5	2	5	4	8	5	6	5	6	5	5	5	5	4	4	3	5	-	4	4	5	3	5
5	3	2	3	3	2	3	5	5	9	6	8	9	2	0	0	0	0	0	2	0	3	4	5	3	3
6	4	3	5	2	3	4	4	3	3	3	1	1	2	0	0	0	0	0	2	2	0	1	2	0	2
7	2	1	0	0	0	2	2	2	2	0	1	0	0	0	0	0	0	1	1	0	1	2	2	0	1
8	3	3	6	4	4	4	6	8	9	9	***	6	4	3	4	4	2	3	2	0	2	2	1	4	4
9	5	4	3	5	5	10	10	10	8	10	9	9	8	9	4	0	1	2	2	1	1	0	2	0	5
10	0	0	0	0	2	0	2	3	2	1	2	1	0	0	0	0	3	2	1	2	2	3	3	2	1
11	2	2	3	3	2	2	6	5	4	2	2	2	1	1	0	1	2	2	2	3	3	3	3	3	2
12	0	2	2	0	0	0	1	2	2	0	2	0	3	3	3	3	2	2	2	2	4	2	2	2	2
13	1	0	0	0	0	1	0	0	2	2	2	1	2	2	2	2	3	2	4	3	2	4	3	4	2
14	3	4	4	3	4	5	6	7	6	6	2	0	3	0	2	3	0	0	0	3	2	1	2	0	3
15	0	0	2	0	0	2	2	-	3	4	***	2	3	2	2	2	1	3	2	0	2	1	1	2	2
16	2	1	3	4	4	3	3	4	5	4	3	5	3	4	3	4	3	3	5	5	4	3	3	4	4
17	2	4	2	3	3	3	5	4	4	5	5	0	0	0	2	1	1	2	0	2	2	2	2	2	2
18	2	0	0	0	1	2	4	7	5	5	4	3	6	4	2	2	2	1	2	0	2	2	2	0	2
19	2	0	2	2	2	3	7	10	5	2	2	2	2	4	3	5	4	6	5	6	4	7	4	4	4
20	3	5	4	4	6	5	8	8	7	6	5	7	4	3	4	1	2	2	2	4	3	5	2	0	4
21	2	3	3	3	1	0	2	0	2	0	3	1	0	2	3	3	1	2	3	2	3	2	0	0	2
22	1	0	2	0	0	0	3	4	2	7	5	3	4	4	4	7	7	4	2	1	2	0	4	0	3
23	2	0	0	2	0	1	1	2	0	0	0	0	0	2	3	3	0	1	1	2	0	0	1	1	1
24	0	3	0	5	0	3	8	5	2	2	3	2	0	0	0	0	0	2	4	2	2	2	2	2	2
25	2	3	6	3	4	10	5	6	13	10	12	10	5	6	8	7	5	3	3	3	3	3	6	6	6
26	6	2	2	0	0	0	0	0	1	0	0	0	0	0	3	2	0	0	0	2	2	0	2	1	1
27	2	2	3	1	0	-	3	2	3	0	3	2	3	2	2	1	0	1	2	2	2	2	2	2	2
28	3	2	2	2	1	2	1	0	0	0	0	2	0	2	0	0	4	1	0	3	3	3	2	2	1
29	2	1	0	0	0	2	4	6	2	0	***	0	3	0	2	4	5	3	5	6	5	5	6	7	3
30	10	12	9	9	10	10	12	11	14	13	13	9	8	7	7	-	7	4	3	3	4	5	4	4	8
MEAN	2	2	3	2	2	3	4	5	5	4	4	3	3	3	3	2	2	2	2	2	2	3	3	2	2.8

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO														MONTH - OCT 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	8	7	4	5	7	8	9	6	9	9	5	6	6	4	4	4	3	4	4	4	3	3	4	6
2	3	3	0	0	1	4	2	4	5	5	0	2	2	5	6	-	----	3	4	3	0	4	3	3	3
3	3	----	2	2	2	2	5	4	2	1	0	4	0	4	4	5	7	6	5	4	3	3	4	3	3
4	4	3	5	1	2	3	2	2	3	5	3	3	2	2	2	0	1	1	1	2	1	2	2	1	2
5	0	1	0	0	0	0	8	2	2	0	0	4	2	1	1	0	0	2	3	2	2	2	2	2	2
6	2	2	3	0	2	2	3	4	4	6	6	5	5	4	3	5	5	-	2	4	1	3	4	3	3
7	3	3	3	1	3	4	7	10	7	13	19	12	11	11	7	6	6	5	5	5	5	4	6	4	7
8	3	5	5	7	5	5	5	6	4	-	-	5	4	3	4	2	2	0	0	0	1	0	1	0	3
9	0	0	0	0	0	2	3	5	3	4	0	3	3	2	5	4	4	3	2	4	3	2	2	3	2
10	2	2	3	6	3	4	7	6	2	----	2	0	2	----	----	2	----	----	----	----	----	----	----	----	----
11	----	6	5	4	6	6	7	7	8	3	5	4	4	3	0	1	2	0	2	2	2	2	2	2	4
12	2	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0
13	0	1	2	1	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	2	1
14	0	1	2	3	3	4	7	8	4	3	3	3	9	4	4	3	3	3	4	5	4	4	3	3	4
15	3	2	2	2	3	2	3	3	5	3	2	3	2	2	2	3	3	3	4	3	3	4	5	4	3
16	3	3	3	2	2	3	4	7	7	7	6	5	6	4	5	7	5	4	3	4	4	4	4	3	4
17	3	5	5	5	5	5	8	10	13	13	11	11	9	9	6	7	5	4	5	4	4	3	3	3	7
18	1	1	0	0	0	3	2	2	0	0	2	1	2	1	0	3	2	2	2	2	0	1	0	1	1
19	2	0	0	0	1	1	2	1	0	0	0	3	2	0	0	1	0	0	2	3	3	2	1	0	1
20	0	0	1	0	0	2	2	3	3	2	1	2	1	0	1	2	2	2	2	3	2	2	2	3	2
21	3	3	5	2	4	3	5	5	10	7	4	3	3	2	2	0	0	1	1	0	0	2	1	0	3
22	0	1	1	1	0	2	2	3	3	2	1	1	2	0	2	2	2	2	0	1	1	2	2	0	1
23	0	0	2	0	2	2	3	5	3	0	1	0	0	0	1	1	0	1	1	2	2	0	0	0	1
24	0	0	0	0	0	1	2	2	1	2	2	2	0	2	3	5	2	3	2	0	2	2	1	2	2
25	1	2	2	2	3	2	3	2	2	1	-	2	0	2	1	2	2	0	0	1	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
27	0	0	0	0	0	1	0	2	3	3	2	2	2	0	1	1	2	3	3	4	4	4	5	0	2
28	-	-	-	-	-	-	-	-	-	-	-	0	1	0	2	2	2	2	1	1	2	2	2	2	2
29	2	2	3	2	1	0	1	3	5	5	2	0	0	1	1	5	3	3	2	2	3	2	2	3	3
30	3	2	2	0	0	3	2	3	5	5	3	2	5	4	5	3	4	4	3	4	4	4	3	3	3
31	3	4	4	4	3	4	5	6	7	6	3	-	2	2	2	2	2	2	3	3	2	3	2	0	3
MEAN	2	2	2	2	2	3	4	4	4	4	3	3	3	2	2	3	2	2	2	2	2	2	2	2	2.6

PERCENTAGE OF DATA VALID - 96.0

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO														MONTH - NOV 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	0
2	0	2	0	1	2	0	0	2	1	0	0	0	0	0	0	1	2	2	3	6	5	9	7	6	2
3	4	4	4	-	3	3	3	6	7	4	8	5	6	7	8	8	7	6	9	9	8	5	4	4	6
4	5	4	2	3	3	3	3	2	2	2	3	4	4	4	5	4	4	5	5	2	2	2	1	0	3
5	1	0	0	0	1	1	0	2	4	2	0	0	2	0	0	0	1	1	2	2	3	3	2	2	1
6	3	2	4	0	2	2	3	5	5	4	3	3	4	2	3	3	3	4	3	3	3	3	4	4	3
7	4	4	3	4	3	4	5	7	11	7	5	7	7	6	15	12	10	8	9	10	6	3	2	1	6
8	1	0	0	0	0	0	0	2	2	0	1	0	3	3	0	1	2	2	2	2	0	0	0	0	1
9	1	2	2	2	2	2	2	3	4	7	5	5	2	2	2	2	2	2	2	2	1	0	0	0	2
10	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	1	2	3	2	0	1
11	2	0	2	0	4	3	2	2	1	0	2	1	0	0	0	2	1	2	2	2	1	0	0	1	1
12	0	1	0	0	2	0	0	2	3	2	-	0	0	0	0	-	-	4	3	4	5	-	4	1	2
13	6	7	7	4	6	3	2	4	7	7	6	7	7	11	9	14	12	9	6	6	7	8	8	7	7
14	9	8	11	7	3	2	1	2	3	2	2	2	2	0	3	3	3	0	0	5	4	2	2	0	3
15	2	3	3	0	0	3	3	0	3	6	4	3	2	0	1	2	2	2	4	3	3	3	2	2	2
16	1	2	0	1	3	5	3	0	0	1	1	0	3	4	3	0	3	3	5	3	3	7	5	10	3
17	8	4	7	9	13	12	10	6	3	5	-	2	0	3	2	3	5	3	3	3	10	10	10	5	6
18	4	4	3	3	3	1	2	4	7	7	7	5	4	0	2	2	2	4	2	0	0	4	5	4	3
19	0	1	0	0	0	0	3	4	4	4	4	2	4	6	7	7	7	7	6	8	5	5	4	5	4
20	6	6	6	6	6	4	5	8	10	10	12	12	7	----	3	6	9	5	11	8	8	6	7	7	7
21	7	5	5	5	7	7	7	7	7	7	8	7	5	4	2	3	3	3	3	2	3	1	2	1	5
22	1	2	0	0	2	3	3	3	5	4	3	3	2	3	2	4	3	4	6	5	3	6	6	3	3
23	5	5	5	4	4	4	5	6	5	5	4	5	5	6	7	7	7	6	5	3	6	6	7	8	5
24	7	7	7	7	7	9	9	9	8	9	7	----	11	7	8	5	3	5	2	0	3	1	0	2	6
25	0	2	0	0	2	1	2	3	2	4	4	2	1	1	3	2	3	3	3	3	3	3	4	2	2
26	5	5	3	3	4	6	5	8	7	9	4	3	5	3	3	2	3	3	6	10	9	9	8	9	6
27	-	4	4	4	4	4	3	4	3	3	3	3	7	3	3	3	4	5	3	4	5	5	4	3	4
28	2	2	2	3	2	2	3	4	4	4	5	6	7	5	4	4	6	7	6	4	3	4	4	5	4
29	5	4	4	3	3	2	2	2	3	3	4	2	3	2	2	1	2	2	3	4	3	3	3	3	3
30	2	3	2	2	3	2	2	3	3	2	4	2	1	3	2	2	3	2	3	3	3	4	5	4	3
MEAN	3	3	3	2	3	3	3	4	4	4	4	3	3	3	3	4	4	4	4	4	4	4	4	4	3.5

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO														MONTH - DEC 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	3	4	5	4	7	9	8	7	6	4	4	6	7	9	7	6	7	6	6	6	4	6
2	4	3	3	4	4	4	5	8	10	12	7	2	8	4	7	7	5	2	2	3	2	0	2	7	5
3	7	9	4	0	0	0	0	0	3	2	3	3	2	0	0	1	2	2	2	2	2	2	3	3	2
4	3	3	1	0	1	2	2	6	8	10	7	7	5	5	5	7	6	7	6	5	5	-	5	4	5
5	4	3	3	3	3	2	3	6	8	7	4	3	2	2	3	3	2	4	5	6	10	9	9	11	5
6	10	6	6	6	7	5	5	5	5	7	6	4	3	2	2	2	2	3	3	3	3	4	7	5	7
7	4	4	4	3	5	3	3	3	3	3	5	3	5	5	6	7	9	11	16	15	14	13	13	12	9
8	11	17	16	17	15	12	11	11	16	17	10	-	6	5	-	-	-	3	1	2	2	1	1	0	3
9	2	1	0	0	0	2	2	3	4	3	2	4	4	5	4	3	4	6	5	6	-	-	2	3	3
10	5	4	4	4	3	3	3	2	3	6	3	2	3	2	2	2	3	3	0	1	1	1	2	2	3
11	2	0	0	1	1	2	3	3	5	4	6	5	2	1	2	3	3	2	3	3	-	-	-	3	3
12	3	3	3	3	2	3	4	5	5	6	4	3	5	9	11	10	9	12	14	6	8	3	3	3	6
13	3	3	4	3	3	1	2	3	1	2	2	1	2	1	2	0	0	1	3	4	5	3	2	C	2
14	3	4	2	2	3	2	0	2	1	2	4	2	0	0	0	0	1	2	3	5	5	4	3	3	2
15	1	0	2	3	2	0	0	0	2	0	0	0	0	0	6	7	8	9	9	7	7	6	6	7	4
16	5	3	3	3	3	4	3	9	7	9	6	8	6	5	4	4	5	5	5	3	3	3	3	2	5
17	0	0	2	2	0	0	1	3	8	9	13	16	10	4	6	7	0	0	0	0	0	0	0	0	0
18	0	4	3	4	4	4	5	2	2	0	0	0	0	1	2	2	3	5	2	2	3	-	-	-	3
19	0	1	1	3	0	0	0	0	3	3	2	3	2	-	1	0	2	3	5	5	4	4	2	2	2
20	2	2	1	1	0	1	2	2	4	3	3	4	2	0	1	0	0	3	2	3	3	2	2	2	2
21	3	2	2	2	1	2	2	2	2	2	3	3	2	2	0	0	1	2	3	3	3	3	3	4	2
22	4	3	2	3	4	3	5	6	9	9	6	6	5	7	8	0	5	5	2	3	3	3	4	6	5
23	6	9	9	9	11	12	12	11	14	12	11	10	8	7	5	8	8	9	8	7	7	7	8	6	9
24	7	8	7	6	7	7	8	8	7	2	2	2	2	2	1	2	0	1	1	2	1	2	3	3	4
25	1	0	2	2	2	2	3	3	3	4	6	8	5	4	4	3	3	5	6	6	4	5	4	4	4
26	4	3	2	2	2	3	3	3	3	4	5	4	3	3	3	3	3	4	5	5	4	4	4	6	4
27	8	6	4	6	7	12	14	12	5	6	9	7	8	4	6	5	5	6	6	7	8	9	9	10	7
28	9	7	5	3	12	15	14	11	10	12	7	7	6	5	5	5	6	6	5	6	6	7	6	6	8
29	6	7	9	7	7	6	6	6	9	12	8	7	6	6	6	6	6	6	6	4	6	6	4	4	7
30	1	2	2	2	2	0	0	2	3	2	9	6	4	3	4	3	2	4	3	5	5	5	5	5	3
31	4	3	4	3	3	4	4	6	7	6	5	4	5	3	2	3	5	6	5	4	5	5	4	-	4
MEAN	4	4	4	4	4	4	4	5	6	6	6	5	4	3	4	4	4	5	5	5	5	5	4	5	4.4

PERCENTAGE OF DATA VALID - 95.8

PERCENTAGE OF DATA INVALID - 2.0

PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.5	7	18
FEB	29	3.5	10	18
MAR	31	3.6	7	16
APR	30	3.1	7	16
MAY	31	3.5	10	20
JUN	30	3.8	11	27
JUL	31	3.4	7	13
AUG	31	3.0	7	15
SEP	30	2.8	8	14
OCT	29	2.6	7	19
NOV	30	3.5	7	15
DEC	30	4.4	9	17
YEAR	363	3.4	11	27

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	551	176	7	3	0	0	0	737
FEB	520	145	13	1	0	0	0	679
MAR	509	220	11	1	0	0	0	741
APR	549	151	8	2	0	0	0	710
MAY	539	153	25	6	0	0	0	723
JUN	476	198	33	5	1	0	0	713
JUL	539	185	12	0	0	0	0	736
AUG	575	136	18	0	0	0	0	729
SEP	578	126	8	0	0	0	0	712
OCT	595	110	8	1	0	0	0	714
NOV	508	193	13	0	0	0	0	714
DEC	427	246	33	7	0	0	0	713
YEAR	6366	2039	189	26	1	0	0	8621

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
98.1	0	0.0	1.4	2.4	3.7	6.5	8.4	10.6	12.1	27	3.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST. TORONTO

MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	19	19	18	15	13	12	12	6	5	5	5	4	3	3	2	3	7	3	3	4	3	4	3	8
2	3	3	3	3	3	2	4	6	7	6	7	6	5	3	---	6	7	3	4	3	3	3	3	3	4
3	2	1	2	2	2	3	6	7	9	8	7	6	7	5	6	4	5	5	4	9	5	6	9	4	5
4	7	4	3	6	7	8	10	11	19	19	18	8	7	10	4	7	5	2	2	7	8	9	5	4	8
5	4	4	3	2	2	3	4	5	5	6	5	6	3	2	2	2	4	2	1	2	2	2	3	3	3
6	3	4	3	---	3	3	3	3	6	6	5	4	5	3	3	5	5	6	9	9	7	3	5	3	5
7	3	3	3	3	3	2	4	2	3	4	4	3	4	4	4	5	5	4	3	3	2	3	3	2	3
8	2	2	1	1	2	2	3	4	6	4	4	3	3	3	3	3	6	5	4	4	4	3	3	3	3
9	3	1	1	2	2	3	4	4	6	4	4	4	4	3	3	3	6	4	4	3	3	3	3	3	3
10	4	3	3	3	3	10	13	7	8	9	7	6	6	6	6	5	4	4	4	3	5	6	4	7	6
11	9	7	7	7	7	9	13	16	6	5	4	4	4	3	4	6	5	5	3	2	0	1	2	3	6
12	3	3	3	4	2	3	2	2	3	3	3	3	4	3	5	6	6	3	4	4	5	4	7	7	7
13	5	8	12	9	8	3	2	2	2	3	3	3	4	3	4	4	9	4	3	4	3	2	3	4	4
14	2	2	2	3	2	3	3	5	7	8	10	10	11	7	6	6	8	6	5	4	5	5	3	5	5
15	6	4	4	5	5	5	6	10	15	21	12	7	7	7	---	10	7	6	7	3	4	4	2	2	7
16	3	3	3	2	2	3	6	12	9	9	7	9	7	6	6	6	4	4	4	2	3	3	3	4	5
17	4	4	3	5	6	11	8	13	16	14	15	15	14	14	10	13	9	8	7	7	5	4	3	4	9
18	3	3	2	2	2	2	3	4	5	6	5	7	6	6	7	9	4	6	5	3	3	4	5	4	4
19	3	3	2	2	2	0	0	2	2	2	2	2	1	2	1	2	0	3	1	3	2	3	2	2	2
20	0	1	0	1	0	1	1	1	0	1	0	0	0	2	0	0	1	1	2	0	3	1	3	2	1
21	2	2	2	0	0	1	3	5	6	6	3	2	3	3	3	5	6	4	3	5	4	5	2	4	3
22	4	5	3	3	2	2	2	3	3	4	4	4	3	6	5	---	8	5	3	3	3	4	3	3	4
23	3	2	2	1	1	0	2	3	3	3	3	2	3	3	3	4	7	6	4	3	3	2	6	3	3
24	1	1	0	1	2	2	3	3	5	4	4	4	3	4	0	4	5	4	5	4	5	6	4	3	3
25	8	4	4	7	6	5	6	10	12	10	7	8	8	8	7	7	8	7	7	6	5	7	6	7	7
26	5	5	3	2	2	3	3	4	3	2	2	2	2	2	2	2	2	2	3	3	3	4	5	5	3
27	3	2	2	0	2	2	1	2	2	3	3	2	2	1	2	1	3	2	4	4	6	4	4	4	3
28	3	3	3	3	2	3	4	6	5	4	3	2	2	2	5	6	6	5	5	4	3	4	4	4	4
29	3	3	3	3	3	4	6	8	12	9	8	7	4	4	4	5	4	4	3	4	2	6	3	2	5
30	3	5	0	---	---	---	---	---	---	---	---	---	---	---	0	---	6	3	3	---	4	4	3	3	---
31	2	2	3	2	2	2	3	5	6	6	4	5	5	4	4	4	5	4	4	4	4	4	4	4	4
MEAN	4	4	3	4	3	4	5	6	7	6	6	5	5	5	4	5	5	4	4	4	4	4	4	4	4.4

PERCENTAGE OF DATA VALID - 97.7

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX		UNITS - 0.1 CONHS/1000 FT																							
STATION - C NO 31105		HYDRO SS SHERBOURNE/WILTON ST. TORONTO												MONTH - FEB 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	0	1	2	3	5	5	5	4	3	3	3	3	3	4	4	3	3	3	3	3	2	3
2	2	2	2	2	2	3	2	3	3	3	2	2	1	2	2	2	2	2	2	2	3	3	6	3	2
3	3	4	3	2	2	1	1	2	2	3	6	3	3	3	3	2	2	2	2	2	2	2	2	2	3
4	2	1	2	2	2	2	3	5	4	4	7	4	4	5	5	4	4	4	4	3	3	3	3	3	3
5	4	4	3	3	3	3	4	8	10	12	12	9	8	3	5	6	8	9	8	7	8	5	5	11	6
6	7	6	4	7	28	6	9	7	12	9	7	4	3	4	3	4	4	5	4	3	2	3	3	4	5
7	7	4	3	3	3	3	4	7	9	12	8	4	3	4	3	7	5	5	4	4	3	3	3	3	5
8	4	6	7	5	4	3	4	8	9	6	5	4	4	3	3	3	2	3	3	3	3	4	4	4	3
9	3	2	2	2	2	3	2	2	3	3	2	2	2	2	2	2	3	3	3	3	3	3	4	4	3
10	3	3	3	2	2	3	2	2	3	2	2	2	2	2	2	2	3	3	3	3	3	3	4	5	3
11	3	3	3	3	3	4	5	8	8	8	6	6	6	5	4	5	6	4	2	3	5	4	5	4	5
12	4	4	4	3	3	4	7	7	11	8	9	5	5	4	3	4	4	4	3	4	4	5	5	4	5
13	6	4	5	5	4	5	5	7	8	8	7	11	5	4	5	4	4	4	4	4	4	4	5	4	5
14	4	4	4	3	4	5	5	7	8	8	5	3	3	2	2	2	3	3	2	2	3	3	4	4	4
15	2	2	5	5	3	3	13	13	12	12	6	6	5	5	2	2	2	2	2	2	4	4	3	3	5
16	2	2	2	2	3	3	1	1	4	4	2	2	2	2	0	0	0	0	0	2	2	2	5	5	2
17	0	0	2	2	1	1	0	0	0	0	3	3	3	3	0	0	0	0	0	0	3	2	2	2	1
18	2	2	3	3	3	3	2	2	3	2	2	2	2	2	3	3	2	2	2	2	0	0	2	2	2
19	2	2	2	2	2	2	5	5	7	7	3	3	9	9	14	14	15	14	23	13	11	8	8	6	8
20	6	6	7	8	10	11	15	15	22	20	22	19	21	18	20	13	13	12	10	10	11	15	13	13	14
21	12	13	8	6	6	4	4	8	8	10	14	10	11	12	10	14	6	5	5	4	7	2	4	2	8
22	2	2	2	2	2	3	4	5	7	5	5	4	5	4	4	4	8	11	11	9	8	5	3	3	5
23	4	4	3	2	2	2	2	6	3	5	4	4	4	4	5	4	5	5	3	3	3	3	2	3	3
24	2	3	3	3	3	3	4	3	3	3	2	2	2	2	2	2	3	3	3	3	2	2	4	3	3
25	3	4	3	3	2	2	3	5	10	8	8	5	7	4	4	8	4	3	3	2	2	2	2	2	4
26	2	2	2	2	2	2	3	5	7	5	5	1	4	3	4	5	4	3	4	3	3	2	2	2	3
27	2	3	3	3	2	3	6	7	7	6	5	3	4	3	3	3	3	3	2	3	3	3	3	3	4
28	2	3	3	3	2	3	4	6	7	7	4	3	6	4	4	0	4	4	3	3	3	3	3	3	4
29	3	3	3	3	2	3	3	4	5	4	3	3	4	3	4	7	4	4	4	3	4	3	3	3	4
MEAN	3	3	3	3	4	3	4	6	7	7	6	5	5	4	4	4	4	4	4	4	4	4	4	4	4.4

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX		UNITS - 0.1 CONHS/1000 FT																							
STATION - C NO 31105		HYDRO SS SHERBOURNE/WILTON ST. TORONTO												MONTH - MAR 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	4	3	4	4	3	4	5	4	3	2	3	3	2	2	3	3	4	4	4	5	6	5	4
2	4	4	3	3	3	3	7	9	6	3	5	3	3	3	2	2	3	3	3	4	4	3	4	5	4
3	2	5	3	3	3	4	5	4	4	5	5	5	0	0	1	1	0	0	3	3	2	2	4	4	3
4	3	3	3	3	3	3	4	4	3	3	5	5	6	6	3	3	3	3	0	0	4	4	0	0	3
5	2	2	5	5	2	2	3	3	7	13	13	4	4	11	11	6	6	1	1	2	2	4	2	0	5
6	0	0	0	0	2	2	2	2	2	5	11	6	6	6	6	4	4	4	3	3	4	3	6	8	4
7	8	5	5	4	5	8	10	10	7	8	7	8	7	6	4	4	8	4	4	3	4	3	4	6	6
8	3	4	5	5	4	7	8	5	5	6	4	7	8	13	13	9	10	4	6	5	3	4	3	3	6
9	4	4	4	3	3	4	3	3	4	6	4	4	3	3	4	3	4	4	3	3	4	5	5	7	4
10	3	3	3	3	3	3	4	7	7	7	7	6	5	6	6	5	5	5	5	5	5	5	5	5	5
11	*****	*****	*****	*****	*****	*****	*****	*****	*****	5	3	2	3	3	3	3	3	3	3	3	2	2	2	2	*****
12	2	0	0	1	2	1	2	4	4	4	4	4	5	9	9	9	5	4	5	3	4	4	4	4	4
13	2	2	2	1	1	2	3	5	5	8	9	7	7	8	7	5	5	4	4	2	5	4	3	3	4
14	3	3	2	3	3	3	6	9	11	8	6	3	3	3	2	3	3	3	3	3	2	1	3	2	4
15	2	2	2	2	2	1	2	2	0	1	2	2	2	2	2	2	2	2	2	2	4	5	6	7	8
16	7	7	8	7	4	3	1	3	3	4	3	2	2	2	2	2	2	3	2	1	2	1	3	3	3
17	4	7	6	4	8	9	22	30	40	30	23	19	22	*****	24	24	19	18	15	5	9	2	2	4	15
18	7	3	4	0	0	0	0	2	3	4	3	3	3	3	4	3	4	4	3	6	5	5	6	8	3
19	6	8	8	5	5	6	6	7	6	7	8	8	6	6	5	4	8	6	6	9	7	8	17	13	7
20	12	15	12	19	10	15	11	23	19	10	10	9	9	10	7	6	7	9	12	10	9	7	8	12	11
21	7	9	7	9	4	4	7	8	11	10	10	12	12	11	8	9	2	2	0	0	0	1	0	1	6
22	1	2	3	3	2	2	0	2	2	2	3	3	3	3	3	3	2	2	3	5	5	4	4	3	3
23	3	4	3	4	4	4	4	5	4	4	3	3	3	3	2	3	5	4	3	2	4	5	3	4	4
24	3	3	3	3	2	2	12	12	9	17	8	5	10	8	6	6	6	3	6	6	5	5	5	4	6
25	3	3	3	2	1	1	0	4	4	3	4	4	3	4	4	4	3	3	2	2	2	2	2	2	3
26	2	2	2	2	1	2	3	6	9	7	9	7	9	13	7	7	8	6	7	7	7	9	5	4	6
27	3	3	2	3	4	7	10	14	14	12	8	11	10	8	12	11	6	6	3	3	2	2	3	3	7
28	2	2	6	4	5	8	8	23	19	16	13	12	9	10	14	15	8	10	11	8	8	7	5	5	10
29	7	7	4	3	2	2	2	2	3	3	3	3	4	3	3	3	4	4	3	3	4	4	3	4	3
30	3	3	2	1	1	1	0	1	3	3	3	2	3	2	0	2	2	1	0	1	2	0	1	0	2
31	0	0	0	1	2	2	2	3	3	6	8	7	5	4	5	4	3	3	3	3	4	4	6	13	4
MEAN	4	4	4	4	3	4	5	7	8	7	7	6	6	6	6	6	5	4	4	4	4	4	4	5	5.0

PERCENTAGE OF DATA VALID - 97.3

PERCENTAGE OF DATA INVALID - 2.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT										
		STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST. TORONTO														MONTH - APR 80										
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		9	4	6	7	4	5	9	13	12	-	8	10	8	9	12	11	5	7	4	6	3	3	5	6	7
2		5	9	10	6	5	8	7	11	7	6	6	6	6	5	6	4	5	7	7	3	2	2	2	3	6
3		5	2	5	4	3	4	8	15	8	6	7	7	-	7	***	8	4	4	2	2	1	0	1	2	5
4		0	1	2	0	3	4	5	8	5	3	4	4	3	4	2	3	2	2	2	2	2	0	0	0	3
5		0	0	0	2	1	2	2	3	3	3	4	3	2	1	0	0	0	2	0	3	3	8	6	5	2
6		3	3	2	3	2	2	2	2	2	1	2	2	0	1	0	0	1	0	0	0	0	0	0	0	1
7		0	1	1	2	1	2	6	9	7	8	12	10	12	14	17	17	15	8	11	6	5	6	5	9	8
8		5	4	7	6	8	8	8	9	9	11	7	10	9	12	6	8	8	6	4	5	4	4	5	-	7
9		4	2	2	2	5	6	13	14	10	27	16	13	7	9	13	12	5	8	5	7	4	6	3	5	8
10		7	4	0	0	0	1	3	4	6	6	8	6	6	4	5	5	5	4	3	3	2	3	2	3	4
11		3	3	2	3	3	3	4	6	7	7	7	7	4	5	***	5	8	9	5	6	8	7	3	4	4
12		4	4	3	5	5	5	4	5	5	5	8	8	7	7	7	6	7	4	2	2	1	2	3	2	5
13		3	2	0	0	0	0	3	2	2	2	1	2	1	1	0	0	0	1	2	0	1	1	2	1	1
14		1	2	2	1	0	0	15	2	5	3	4	4	3	11	3	***	0	2	2	3	4	5	3	3	4
15		2	1	0	0	0	1	3	4	5	3	3	3	3	3	3	4	3	3	3	2	4	3	2	0	2
16		0	0	0	0	1	1	2	3	4	3	2	2	2	3	3	2	2	1	2	2	2	2	2	3	2
17		3	3	3	3	3	7	11	13	4	5	5	4	4	4	4	4	5	5	4	3	4	4	4	4	5
18		3	4	5	3	4	7	6	8	7	7	6	7	6	4	6	8	5	7	3	3	3	3	3	10	6
19		8	10	13	4	3	5	7	9	9	8	6	6	14	10	7	6	5	7	9	15	11	16	12	9	9
20		6	6	2	2	3	3	6	5	7	7	3	2	1	2	2	2	0	0	2	3	2	2	2	2	3
21		2	2	2	4	3	3	4	7	6	3	5	2	2	4	3	3	3	0	3	2	3	-	9	14	4
22		12	3	3	3	7	15	4	6	7	5	6	6	6	8	7	5	7	3	4	4	3	3	-	3	6
23		2	1	2	2	1	1	4	10	8	10	7	7	6	6	4	6	6	5	3	2	1	0	0	1	4
24		2	2	1	6	2	2	3	8	7	7	9	5	5	5	5	7	4	3	4	3	3	4	11	7	5
25		8	5	4	2	2	2	3	5	4	5	5	3	3	4	4	5	4	5	8	3	3	3	3	3	4
26		2	3	3	5	8	5	5	5	5	5	3	2	3	5	6	3	5	3	5	4	6	4	4	7	4
27		7	4	3	3	3	2	4	4	2	2	0	2	3	2	2	2	2	3	4	4	2	2	2	3	3
28		3	2	2	2	2	2	6	7	6	7	5	3	5	5	5	3	2	3	2	3	1	1	1	2	3
29		0	0	0	0	1	2	5	4	3	2	4	4	5	5	7	4	3	3	6	5	6	4	6	5	4
30		8	5	5	6	6	11	15	11	7	5	6	6	6	5	6	5	9	9	6	-	6	10	9	10	7
MEAN		4	3	3	3	3	4	5	7	6	6	6	5	5	6	5	5	4	4	4	4	3	4	4	4	4.5

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT										
		STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST. TORONTO														MONTH - MAY 80										
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		8	4	4	4	3	5	8	9	9	8	11	10	9	8	***	-	12	2	5	8	17	7	4	2	7
2		2	3	2	2	6	14	19	13	12	12	9	8	8	11	11	8	6	3	5	8	5	8	7	7	8
3		6	6	7	6	7	12	11	7	4	6	4	3	4	2	2	3	2	2	2	2	2	3	3	2	5
4		3	2	3	2	2	3	2	2	2	2	1	3	3	2	1	4	4	4	2	3	5	4	7	5	3
5		2	2	2	3	3	3	6	11	12	13	11	10	11	6	5	5	4	4	3	5	8	3	3	2	6
6		3	2	2	2	1	1	3	2	3	3	0	3	0	1	3	3	6	4	2	1	2	3	6	4	3
7		2	3	3	3	4	7	9	7	4	3	2	3	3	4	***	5	5	3	3	3	2	2	2	5	4
8		3	2	2	2	4	7	8	6	5	3	3	4	6	7	5	7	3	2	2	2	2	1	1	1	4
9		0	0	0	1	0	1	3	4	5	3	3	3	3	3	6	3	4	3	2	2	4	4	4	4	3
10		3	3	4	3	7	8	8	6	5	3	5	3	3	2	4	5	4	3	5	8	14	3	6	6	5
11		8	3	3	3	2	2	9	4	3	3	4	5	7	4	3	2	2	2	2	2	3	3	3	3	4
12		5	2	2	1	6	7	9	9	12	8	6	6	8	***	3	6	4	8	4	5	6	6	6	5	6
13		8	10	5	3	7	17	9	9	8	8	9	5	8	7	6	6	5	5	6	6	5	5	5	12	6
14		5	3	2	2	2	3	4	5	5	3	4	2	4	6	5	4	2	3	1	2	1	3	0	-	3
15		2	2	1	1	1	2	5	7	3	2	3	3	3	4	2	2	2	2	2	3	3	1	3	2	3
16		2	3	2	2	7	10	12	13	10	7	5	6	6	5	4	3	5	4	5	6	5	12	16	15	7
17		11	9	8	24	12	9	5	3	4	4	4	4	4	3	7	3	3	2	4	7	5	4	3	2	6
18		3	2	2	1	1	2	2	2	2	3	5	5	8	3	-	2	4	2	3	2	2	1	2	2	3
19		2	3	0	0	2	0	0	1	2	3	2	2	2	2	3	3	2	2	3	5	5	5	4	3	2
20		3	3	2	3	2	2	13	6	4	7	8	5	7	6	6	5	3	5	5	4	4	6	11	7	5
21		7	7	6	5	5	10	14	14	14	14	17	8	6	9	0	14	7	7	6	6	6	10	10	9	8
22		5	4	3	3	4	7	8	14	14	17	12	11	10	9	8	10	10	11	12	10	6	9	8	9	9
23		9	7	6	10	13	14	17	20	16	14	15	15	12	3	8	10	8	7	8	11	17	21	10	5	12
24		4	5	7	7	9	11	7	11	10	11	7	6	6	5	5	6	7	7	3	3	3	3	3	4	6
25		4	3	3	2	2	2	2	2	2	2	2	2	3	2	2	3	3	2	2	1	1	1	2	2	2
26		1	0	2	0	1	2	4	0	2	***	1	3	3	3	3	3	2	2	4	2	2	1	0	1	2
27		2	0	0	0	2	3	4	6	3	5	4	4	***	3	3	3	***	4	4	6	10	13	13	5	8
28		***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
29		5	3	3	3	2	8	19	15	18	13	15	5	8	8	10	22	5	0	0	2	1	2	1	1	7
30		0	1	0	1	2	4	16	11	8	8	9	9	9	10	10	7	9	7	6	5	5	4	3	2	6
31		0	1	0	0	2	2	3	2	4	4	3	2	3	2	2	1	0	0	0	1	1	0	0	0	1
MEAN		4	3	3	3	4	6	8	7	7	7	6	5	6	5	5	5	5	4	4	5	5	5	5	4	5.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT										
STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST. TORONTO															MONTH - JUN 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	1	1	0	0
2	0	0	0	0	0	3	7	8	8	10	11	12	9	9	10	4	6	7	4	1	2	2	9	10	6
3	5	3	1	2	2	3	3	4	5	6	4	4	4	3	3	2	1	1	0	1	2	2	1	0	3
4	0	1	0	0	2	0	4	2	0	3	2	0	***	2	7	3	6	2	2	2	2	2	2	2	2
5	3	2	0	4	3	6	11	9	8	6	7	9	5	6	7	4	8	8	6	4	3	3	2	3	5
6	4	3	6	3	3	4	9	11	12	14	10	12	13	23	14	6	8	6	7	9	5	5	4	4	8
7	3	3	2	1	3	3	4	6	7	6	4	3	3	3	5	6	4	5	4	3	2	2	3	4	4
8	5	7	0	1	2	0	0	0	0	0	0	0	0	2	2	0	2	0	1	0	0	0	0	2	1
9	4	3	3	3	2	3	5	6	9	7	7	4	2	5	4	2	2	0	0	2	2	0	3	4	3
10	1	2	0	1	2	1	4	5	4	4	4	3	2	2	3	2	1	1	0	1	2	2	2	2	2
11	1	0	0	0	2	2	7	5	4	5	6	5	4	12	1	2	2	1	3	3	12	9	14	6	5
12	8	8	11	9	5	16	8	8	10	6	4	6	5	4	5	5	3	6	11	6	4	5	5	4	7
13	7	9	6	7	7	9	9	13	10	8	9	7	4	7	5	6	5	6	8	7	8	9	7	8	8
14	7	7	7	6	7	8	8	***	***	***	8	7	10	6	6	7	7	7	6	11	12	10	10	8	8
15	6	15	8	7	7	11	10	14	6	8	8	9	3	1	3	2	0	1	2	0	2	2	0	0	5
16	0	0	0	2	0	2	7	6	5	7	9	8	7	10	5	3	2	2	2	2	2	3	2	1	4
17	2	0	2	4	4	7	11	14	12	5	5	5	0	6	6	5	5	3	2	3	5	5	6	3	5
18	4	4	4	4	4	5	7	8	7	9	7	6	7	7	7	8	8	7	6	6	5	5	7	3	6
19	5	4	3	2	4	5	11	14	9	8	8	7	11	12	11	8	6	4	4	4	3	3	4	4	6
20	3	2	2	2	1	1	2	2	3	2	3	3	0	4	0	0	1	2	3	4	5	7	9	10	3
21	10	4	5	8	4	3	4	4	3	5	3	4	3	2	3	4	3	5	8	14	6	9	9	8	5
22	6	7	7	9	5	5	6	5	6	3	5	4	3	2	3	3	3	3	4	4	4	5	4	5	5
23	4	7	5	4	6	9	23	18	19	18	12	9	12	8	9	7	6	5	6	3	5	8	9	10	9
24	9	7	9	10	12	20	31	23	22	15	18	13	10	14	12	13	9	7	6	6	9	10	10	13	13
25	7	6	8	9	9	15	20	14	11	10	10	11	8	7	6	7	6	6	5	5	11	9	7	6	9
26	8	6	6	4	8	10	13	8	8	8	7	7	6	7	8	9	6	6	4	4	5	3	6	8	7
27	8	11	5	4	4	5	12	9	8	8	6	6	5	6	3	2	2	2	2	2	3	3	2	7	5
28	6	2	0	1	2	2	2	0	3	1	3	2	2	1	0	0	0	0	0	0	3	1	0	0	1
29	2	4	0	0	0	2	2	3	2	3	2	2	2	1	1	2	2	3	3	3	4	3	5	4	2
30	0	0	0	0	0	2	2	3	2	2	3	3	3	4	3	4	4	2	4	9	2	1	1	2	2
MEAN	4	4	3	4	4	5	8	8	7	7	6	6	5	6	5	4	4	4	4	4	4	4	5	5	4.9

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT										
STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST. TORONTO															MONTH - JUL 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	4	4	3	4	6	6	8	4	5	3	2	3	3	3	3	2	3	4	5	3	4	3	4
2	3	4	6	6	10	7	8	7	5	4	7	7	9	5	8	4	3	3	2	2	3	3	2	5	5
3	4	3	2	3	4	5	10	14	13	14	7	7	6	6	8	5	6	5	6	9	10	3	10	5	7
4	5	4	6	6	8	13	15	13	13	14	10	12	12	9	12	8	9	9	7	7	6	6	8	9	9
5	7	7	7	10	6	6	12	11	11	6	6	5	7	7	4	3	2	2	2	2	0	2	3	0	5
6	2	0	2	0	0	3	0	0	0	1	2	1	1	0	2	1	0	0	0	0	2	3	3	2	1
7	3	2	3	6	9	12	16	12	12	11	6	8	***	7	6	5	4	3	4	3	4	3	3	4	6
8	4	4	3	4	5	8	10	11	9	12	14	6	7	5	5	6	5	2	2	2	3	2	2	2	6
9	2	2	2	4	4	3	10	15	13	8	10	11	11	11	9	9	11	8	6	8	9	12	12	8	8
10	10	10	18	11	16	15	26	22	13	12	11	9	6	10	10	9	7	5	5	5	6	10	15	9	11
11	6	6	7	6	8	14	13	10	4	10	9	9	8	4	3	4	4	3	2	3	2	2	3	1	6
12	1	1	1	2	3	2	2	2	2	1	1	1	0	1	2	3	0	1	0	1	2	2	2	2	2
13	1	0	2	0	2	0	2	2	4	3	2	2	2	0	1	3	1	5	5	5	3	6	7	6	3
14	5	6	9	7	9	13	23	16	12	10	11	10	***	9	8	6	7	4	3	4	4	5	5	5	8
15	4	4	5	6	9	11	15	15	20	13	7	5	6	9	9	12	7	6	6	5	6	5	10	11	9
16	8	4	9	5	3	4	7	7	8	7	10	8	4	7	12	17	14	7	9	11	8	8	5	4	8
17	5	3	5	7	5	2	5	5	6	3	5	5	3	5	6	5	2	2	2	2	2	2	3	2	4
18	2	1	2	0	2	3	11	8	8	8	9	6	8	6	9	6	9	4	3	5	4	4	5	3	5
19	3	3	5	5	4	5	6	4	6	5	4	3	3	3	4	4	4	4	5	8	10	12	6	7	5
20	5	4	5	4	4	6	4	5	5	5	5	3	3	3	5	6	6	7	7	8	9	6	4	4	5
21	2	3	0	0	3	4	10	8	9	10	6	6	9	6	7	12	3	2	3	3	2	2	3	3	5
22	2	0	2	3	8	8	11	11	6	***	9	8	6	5	4	3	3	4	7	8	12	0	0	0	6
23	2	2	0	0	0	0	1	1	0	0	9	9	6	6	0	7	4	3	3	3	2	3	3	3	3
24	2	2	1	2	7	16	27	10	12	11	9	8	6	8	6	5	8	9	5	5	3	4	5	4	7
25	4	3	2	2	5	8	9	9	6	7	10	6	6	7	6	6	8	5	5	6	6	9	7	3	6
26	4	4	5	6	6	7	9	6	5	3	5	4	4	7	13	7	7	5	8	6	6	6	5	7	6
27	6	3	4	3	3	3	4	3	4	3	4	3	3	3	3	3	3	3	3	4	4	4	3	1	3
28	1	1	1	0	2	5	13	13	13	14	10	9	8	8	8	8	8	8	8	8	8	8	8	8	8
29	3	3	3	4	2	3	7	10	14	***	0	5	7	6	5	6	3	3	4	4	4	7	6	5	4
30	6	8	6	4	2	3	3	8	4	5	4	3	3	4	3	3	0	2	2	2	2	4	2	2	4
31	2	2	2	5	7	10	9	7	7	8	9	13	9	12	8	8	6	4	3	4	3	2	3	3	6
MEAN	4	3	4	4	5	7	10	9	8	7	7	6	6	6	6	6	5	4	4	5	5	5	5	4	5.6

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST. TORONTO														MONTH - AUG 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	3	5	7	10	****	7	11	12	10	6	4	4	4	3	3	3	4	7	3	4	6	5
2	5	5	4	3	2	3	7	4	4	5	4	5	5	4	3	3	4	3	3	3	3	1	4	2	4
3	2	3	2	2	2	2	2	3	2	4	0	2	2	2	3	4	3	4	4	1	0	0	0	2	2
4	2	1	1	2	4	2	4	5	6	4	1	2	2	2	2	3	2	1	1	4	5	3	1	0	3
5	1	1	0	1	2	5	11	13	12	11	10	10	5	4	3	4	4	5	2	2	2	1	2	1	5
6	0	1	0	2	3	4	7	7	7	****	****	6	5	6	5	4	3	****	****	3	4	10	9	9	6
7	7	6	5	6	6	8	12	11	9	8	10	9	6	6	7	5	5	7	6	3	3	3	3	5	6
8	11	8	9	10	9	8	10	14	13	9	12	12	11	12	11	8	7	6	4	3	4	4	7	7	9
9	2	2	0	0	0	0	0	2	2	0	0	2	1	3	2	5	3	0	0	0	0	2	2	1	1
10	0	0	0	1	****	3	2	0	0	1	2	2	0	0	0	2	1	0	2	0	0	2	2	1	1
11	5	2	3	3	3	5	13	25	15	17	13	8	10	12	12	11	****	2	2	2	2	2	3	4	8
12	3	3	1	2	3	3	9	9	10	10	6	4	0	1	4	3	2	4	1	2	2	2	1	2	4
13	2	2	2	3	3	4	5	6	6	5	8	7	7	7	6	5	3	4	5	6	3	2	3	1	5
14	4	4	3	3	8	12	21	13	11	10	10	6	8	7	7	8	6	3	4	4	3	4	3	1	7
15	2	2	2	0	2	3	5	6	6	6	4	4	6	5	3	3	4	2	0	0	2	0	0	4	3
16	3	4	2	0	0	0	3	0	0	2	2	2	2	3	0	1	0	0	2	2	2	2	0	2	1
17	2	2	2	2	2	2	3	2	2	2	4	2	2	2	0	0	4	2	2	2	2	2	0	2	2
18	1	2	2	0	2	4	13	17	13	14	****	15	16	****	14	11	7	5	5	3	5	5	11	7	8
19	9	7	8	8	11	10	****	****	15	12	17	14	12	10	8	8	6	4	7	10	10	8	6	5	9
20	5	11	11	3	4	12	19	11	10	9	10	8	14	14	7	7	5	4	3	4	3	3	4	4	8
21	3	4	-	****	2	3	19	14	12	7	9	8	11	10	10	5	4	4	4	3	3	3	4	4	7
22	4	4	6	4	4	9	14	14	13	12	12	10	13	****	11	8	4	5	7	6	7	5	4	5	8
23	4	4	4	5	6	3	4	4	4	3	3	6	3	2	4	4	4	3	5	6	2	0	2	2	4
24	2	0	0	1	0	1	2	3	3	5	6	2	2	2	2	2	2	1	3	3	6	11	9	10	3
25	9	9	8	8	12	19	32	27	19	18	11	11	11	0	****	6	7	3	3	3	4	4	5	6	10
26	7	4	4	4	5	6	14	-	7	9	9	7	8	7	8	7	6	4	4	4	6	8	8	8	7
27	6	5	4	5	7	9	11	13	10	10	10	8	7	8	7	7	7	6	7	9	10	4	3	4	7
28	2	0	0	2	2	4	10	13	12	10	8	14	10	6	9	8	5	3	3	2	2	2	1	3	5
29	2	2	0	0	3	5	11	11	11	10	9	9	10	****	7	7	6	2	3	5	3	2	8	8	6
30	11	6	12	10	4	5	7	8	5	4	5	3	4	3	3	4	6	5	6	5	5	5	6	5	6
31	5	4	3	4	4	4	7	3	3	3	3	2	4	3	3	6	3	3	2	3	4	3	4	2	4
MEAN	4	4	3	3	4	5	10	9	8	8	7	7	7	5	6	5	4	3	3	3	4	3	4	4	5.1

PERCENTAGE OF DATA VALID - 97.6

PERCENTAGE OF DATA INVALID - 2.0

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST. TORONTO															MONTH - SEP 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	2	4	3	3	1	1	2	3	3	2	3	4	4	4	3	3	5	4	3	3	3	6	0	3
2	1	1	1	3	2	4	7	11	10	9	12	11	7	***	3	3	3	2	3	3	6	5	6	5	5
3	5	2	2	2	0	2	3	5	6	9	6	6	6	8	6	8	4	5	5	6	7	5	7	5	9
4	3	2	3	12	12	16	26	13	10	11	9	9	11	15	12	9	6	5	6	-	4	5	5	6	9
5	4	3	4	3	6	7	9	9	6	6	5	6	5	4	3	3	3	3	2	2	4	5	2	4	4
6	0	3	3	3	3	4	8	5	3	2	5	3	1	1	1	0	1	0	2	1	1	2	2	2	1
7	2	0	0	2	2	1	0	0	1	0	0	1	2	1	1	1	2	1	1	2	2	3	2	2	1
8	2	3	4	3	5	7	28	24	22	16	13	12	11	18	18	8	6	3	4	4	4	3	5	4	9
9	6	3	4	5	8	12	14	16	9	10	10	10	9	7	8	3	2	2	1	2	2	0	2	1	6
10	0	0	0	2	0	2	5	4	5	4	5	3	4	3	5	3	3	2	3	3	5	4	8	8	3
11	6	5	4	3	3	5	9	10	8	8	7	4	5	3	5	4	5	3	5	3	7	5	6	5	4
12	2	2	2	2	3	3	8	4	8	6	7	10	2	2	2	2	1	5	8	8	11	2	5	3	5
13	2	1	0	1	1	0	5	10	16	16	13	16	3	3	2	3	3	4	6	3	3	3	3	3	5
14	4	3	3	4	4	5	8	9	8	8	4	3	0	1	2	1	2	2	2	1	2	0	0	1	3
15	0	2	0	1	2	2	8	-	7	11	14	11	8	13	***	5	6	5	3	4	5	4	5	2	5
16	2	2	3	5	12	6	6	6	8	11	15	10	12	9	8	9	7	6	8	8	6	9	6	4	7
17	3	4	4	4	5	7	12	7	12	***	10	3	4	7	4	4	6	2	3	3	3	4	5	6	5
18	3	3	2	4	3	6	17	20	12	14	9	5	8	8	5	5	5	5	4	4	4	2	2	2	6
19	4	2	2	2	6	5	9	10	7	6	5	4	6	8	8	7	7	9	10	9	7	5	6	7	6
20	4	5	5	5	7	7	7	7	7	7	6	5	6	4	5	6	4	4	3	4	9	7	2	2	5
21	2	3	3	2	2	3	2	4	4	2	3	3	3	2	3	6	6	3	3	4	7	6	1	1	3
22	1	2	2	0	0	1	4	5	8	11	7	7	7	6	6	8	9	8	4	0	4	3	2	3	5
23	3	1	2	2	0	2	4	2	2	3	2	3	3	4	4	6	6	3	4	4	3	3	2	2	3
24	2	1	2	2	2	4	16	17	8	10	12	8	11	10	10	6	7	6	3	5	3	2	3	4	6
25	5	2	5	5	5	7	16	21	16	19	18	12	11	11	16	16	14	7	5	5	6	3	6	6	10
26	7	3	3	2	2	2	3	3	4	4	4	5	4	5	0	5	4	3	2	2	1	1	2	3	3
27	2	2	2	1	1	-	4	3	4	3	0	0	1	2	2	2	2	2	4	4	5	4	4	3	2
28	4	2	2	3	2	3	2	3	3	0	1	1	0	2	3	6	2	6	1	7	4	2	2	2	3
29	2	0	0	0	1	9	18	17	14	10	15	6	7	7	8	8	5	6	6	7	9	12	12	14	8
30	13	10	13	17	18	21	45	39	25	18	15	10	9	7	8	-	7	4	4	5	5	5	5	7	13
MEAN	3	2	3	3	4	5	10	10	9	8	8	6	6	6	6	5	5	4	4	4	5	4	4	4	5.4

PERCENTAGE OF DATA VALID - 99.0

POLLUTANT - PARTICULATES - SOILING INDEX																UNITS - 0.1 COHS/1000 FT									
STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST. TORONTO																MONTH - OCT 80									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	10	10	9	7	7	13	13	10	9	6	7	6	5	9	5	4	4	3	5	4	4	4	5	7
2	4	1	3	0	1	2	5	7	8	6	2	6	7	5	6	1	4	4	4	5	7	5	2	6	4
3	5	11	7	12	****	8	17	11	8	9	11	8	8	10	11	11	12	11	9	11	3	6	4	5	9
4	5	4	4	0	0	5	5	4	4	6	3	3	3	2	2	3	4	3	2	2	2	3	3	2	3
5	1	2	0	0	0	1	6	3	4	4	0	2	0	0	3	3	0	2	4	3	3	2	0	3	2
6	3	2	2	1	0	6	11	7	5	6	7	6	7	5	9	4	5	1	4	5	3	5	4	3	5
7	0	5	5	4	9	15	18	28	17	21	16	14	14	20	8	11	9	9	6	6	10	8	6	5	11
8	3	8	6	8	7	5	10	9	7	-	-	5	9	5	6	6	5	3	3	3	2	3	3	2	5
9	0	1	0	0	2	4	11	10	9	7	6	4	4	6	7	8	6	5	4	5	6	6	6	4	5
10	8	6	4	6	7	9	26	10	10	9	9	9	8	***	10	9	6	4	5	5	3	10	8	6	8
11	5	7	8	5	8	8	9	8	4	7	7	7	7	4	3	5	3	2	3	2	3	6	5	5	5
12	4	0	2	0	0	1	2	3	0	3	2	0	3	2	2	1	0	0	1	1	0	1	0	0	1
13	0	0	1	2	0	0	1	2	2	2	0	2	2	0	1	0	2	1	2	1	2	2	5	2	1
14	0	1	2	2	2	5	9	8	10	8	6	5	7	2	6	6	4	4	4	7	5	7	6	5	5
15	5	3	3	3	3	3	11	8	7	7	5	4	15	13	9	10	8	5	3	4	7	7	9	4	7
16	4	5	5	3	5	8	10	12	9	12	9	8	11	11	9	10	8	6	9	10	7	8	5	5	8
17	4	4	5	7	8	7	12	15	16	18	20	15	18	16	22	15	8	5	5	5	5	4	3	10	10
18	2	2	2	7	3	10	3	4	2	3	3	2	2	2	2	3	3	5	4	4	3	3	3	3	3
19	3	2	3	1	0	3	4	3	1	0	2	2	0	2	2	3	3	3	4	3	3	6	3	1	2
20	1	1	1	0	2	3	4	6	6	5	5	3	5	4	4	6	5	4	3	4	4	3	5	5	4
21	4	4	13	4	3	4	8	11	10	8	8	7	7	5	4	5	4	3	3	2	2	3	3	2	5
22	2	2	1	2	2	4	4	6	5	4	5	6	5	6	5	5	6	3	3	2	2	2	4	9	4
23	3	2	2	2	3	8	14	15	11	7	8	8	6	7	10	7	6	6	4	4	4	2	4	2	6
24	3	2	2	2	3	3	7	10	9	14	10	7	9	11	-	11	6	5	4	5	3	3	3	3	6
25	3	1	3	3	4	4	5	5	5	3	-	4	3	3	2	2	3	2	0	0	0	1	0	0	2
26	0	0	0	0	0	0	0	1	2	0	2	1	1	2	2	1	2	2	2	1	2	2	2	1	1
27	0	1	2	1	0	2	3	4	6	5	5	3	-	4	3	5	6	6	5	5	5	6	6	4	4
28	5	6	4	4	5	4	6	7	6	6	0	5	4	5	5	6	6	5	3	3	3	4	4	5	5
29	4	3	3	3	2	3	3	6	8	6	5	5	3	3	4	6	7	7	5	4	3	3	3	4	4
30	3	3	3	2	2	4	3	4	6	9	5	4	5	5	5	6	5	6	4	3	5	5	5	4	4
31	4	5	4	5	4	5	6	8	8	8	8	6	4	4	4	5	5	5	7	6	4	6	3	2	5
MEAN	3	3	4	3	3	5	8	8	7	7	6	5	6	6	6	6	5	4	4	4	4	4	4	4	4.9

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST. TORONTO														MONTH - NOV 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	0	0	2	2	3	3	3	2	2	2	2	2	1	1	1	1	2	1	2	0	2	2
2	2	2	2	0	2	2	0	1	1	2	2	2	1	1	1	2	2	3	6	3	7	9	8	9	3
3	7	6	6	-	3	4	7	11	9	10	12	11	11	14	16	22	17	15	18	15	12	3	7	4	10
4	5	2	2	3	2	3	3	4	4	4	5	6	7	6	8	9	7	9	7	3	4	3	3	0	5
5	7	2	0	2	2	2	1	2	4	5	4	4	2	3	5	5	4	4	3	3	4	3	4	6	3
6	4	3	3	3	7	6	6	7	5	5	5	4	4	4	5	6	8	7	5	5	4	4	5	4	5
7	5	3	3	4	4	7	9	13	9	8	10	13	14	21	21	24	17	11	11	13	7	3	3	2	10
8	2	0	0	0	0	0	0	1	2	2	4	2	2	2	2	2	2	3	2	2	0	0	0	2	1
9	2	2	2	2	2	2	3	5	8	6	4	4	3	4	5	0	5	2	4	4	3	2	2	0	3
10	0	0	0	0	0	0	0	2	3	2	8	9	7	4	5	4	5	5	3	3	10	10	7	8	4
11	3	2	3	4	16	6	12	3	5	4	1	4	4	4	3	5	5	6	3	3	3	3	2	2	4
12	2	1	0	1	2	2	7	8	7	5	5	5	4	5	7	7	9	13	11	10	9	8	10	10	6
13	9	10	7	6	5	8	6	10	10	9	9	10	12	18	19	16	12	11	15	13	12	10	11	5	11
14	11	10	11	10	8	5	5	5	5	6	5	6	4	4	5	6	7	7	6	8	4	6	6	9	7
15	4	3	2	16	7	5	2	3	5	5	5	4	3	3	3	3	3	3	2	3	3	3	2	2	4
16	0	0	3	2	3	4	4	4	3	2	2	2	2	2	2	3	5	4	5	5	6	6	12	18	4
17	20	19	21	20	17	16	9	10	11	8	-	13	9	9	15	10	13	8	5	4	7	11	24	15	13
18	8	9	8	6	3	2	3	14	15	17	11	***	14	8	7	6	0	6	4	3	2	3	3	2	7
19	2	1	1	2	1	2	5	7	7	7	6	6	6	7	9	10	10	11	8	7	11	6	4	6	6
20	6	6	7	6	7	8	10	9	11	11	12	12	9	7	7	8	9	7	7	5	6	6	6	7	8
21	6	5	4	4	4	4	5	7	7	8	7	8	7	4	4	6	4	4	3	3	3	3	3	3	5
22	2	2	1	2	2	4	5	2	5	4	3	3	3	3	3	3	4	5	5	4	3	5	6	0	3
23	DATA INVALID																14	9	3	3	2	2	2	1	*****
24	0	0	0	0	4	5	3	3	6	11	14	13	7	4	5	5	8	7	4	5	5	5	5	5	5
25	6	6	4	3	6	5	9	9	9	11	10	6	5	4	12	7	11	17	9	12	8	10	17	15	9
26	-	7	16	13	7	5	6	10	11	11	10	14	12	9	7	10	7	5	4	4	5	5	5	5	8
27	6	4	3	3	3	3	5	8	14	9	12	11	13	8	8	8	10	9	6	5	3	3	3	4	7
28	5	4	3	2	3	2	3	2	3	3	4	4	4	3	3	3	3	4	3	4	2	3	3	4	3
29	3	3	3	2	3	3	3	3	4	4	4	3	2	3	2	2	2	3	3	3	3	3	5	4	3
MEAN	5	4	4	4	4	4	5	6	7	7	7	7	6	6	7	7	7	7	6	5	5	5	5	5	5.6

PERCENTAGE OF DATA VALID - 93.9

PERCENTAGE OF DATA INVALID - 5.7

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOT

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST. TORONTO														MONTH - DEC 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	6	5	10	13	11	10	9	11	13	10	9	14	21	12	17	8	7	6	8	9
2	6	4	4	4	5	5	8	12	17	19	19	6	3	10	10	...	5	5	3	2	4	5	6	23	8
3	25	36	26	7	4	3	4	3	4	4	3	3	3	4	5	5	5	4	4	4	3	4	5	4	7
4	5	3	2	2	3	3	5	9	15	20	19	24	21	23	20	10	20	12	8	7	5	-	8	5	11
5	9	6	4	4	4	4	6	13	16	20	16	23	11	12	12	13	13	9	13	17	14	21	16	20	12
6	-	13	9	9	8	7	9	9	12	8	5	5	6	4	2	2	3	3	3	4	3	4	8	5	6
7	4	4	6	6	6	3	3	6	4	3	3	4	3	4	5	11	11	9	10	10	10	10	11	11	7
8	10	12	19	14	15	11	10	16	22	25	27	15	7	7	6	5	4	3	2	2	2	2	0	2	10
9	0	0	0	0	1	2	4	4	5	6	6	11	10	...	12	25	9	7	8	8	-	-	3	4	6
10	5	4	3	4	3	4	5	4	6	7	6	...	8	8	9	9	12	17	7	7	3	4	4	4	6
11	3	3	3	3	3	4	8	11	8	10	10	8	7	8	7	12	8	5	4	5	-	-	-	6	6
12	4	3	3	3	4	5	6	7	8	13	7	5	9	17	24	21	14	20	17	10	11	5	6	6	10
13	5	4	3	2	3	2	3	3	3	4	4	3	4	4	2	2	2	1	5	4	5	4	2	1	3
14	2	3	3	3	2	2	2	3	4	3	9	3	3	2	2	3	3	4	4	4	7	5	6	4	4
15	2	2	2	2	3	4	7	7	11	8	8	9	13	12	12	20	17	14	11	10	10	9	9	8	9
16	6	5	5	4	5	6	6	10	14	19	12	13	12	16	...	12	18	12	10	5	4	5	3	3	9
17	2	2	2	3	2	2	6	10	15	17	20	15	9	7	6	6	5	5	4	2	3	6	3	4	7
18	4	2	3	3	3	5	6	5	4	4	5	4	4	5	4	5	7	7	5	4	3	-	-	-	4
19	2	3	3	10	2	2	3	7	8	5	4	4	-	-	5	6	7	6	6	6	4	4	4	4	5
20	4	3	3	3	3	3	4	4	5	5	4	4	4	3	3	3	4	4	3	4	3	3	4	4	4
21	3	3	3	2	2	2	3	3	4	3	3	3	3	3	3	3	6	4	4	4	5	5	5	5	4
22	5	5	5	5	6	6	7	9	12	12	11	9	...	14	8	5	6	5	3	4	4	3	6	7	7
23	9	12	11	7	12	11	10	14	13	14	18	13	11	10	8	9	10	10	9	9	8	9	11	9	11
24	9	9	8	7	8	7	11	12	11	3	5	6	4	3	3	3	3	2	3	2	3	3	3	3	5
25	3	3	2	2	3	4	4	4	7	5	6	6	5	5	4	4	4	7	7	7	5	4	5	5	5
26	5	4	3	2	2	3	4	4	5	5	4	5	4	4	4	10	9	6	5	6	5	7	5	6	5
27	8	7	9	8	11	12	17	16	29	12	10	8	10	6	4	5	6	6	7	8	10	12	4	12	10
28	18	18	9	5	11	14	13	12	16	13	8	7	7	6	5	7	10	7	8	8	7	8	7	8	10
29	8	7	10	9	8	9	10	19	19	17	21	19	20	11	11	17	12	10	13	8	6	4	5	3	12
30	2	1	2	2	2	1	2	9	12	15	11	8	8	10	8	10	18	13	8	6	5	6	6	4	7
31	3	3	3	3	3	4	12	19	16	17	22	17	8	4	3	3	5	6	6	4	5	6	4	-	3
MEAN	6	6	6	5	5	5	7	9	11	11	10	9	8	8	7	9	9	8	7	6	6	6	6	6	7.2

PERCENTAGE OF DATA VALID - 97.6

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-." INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST. TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	4.4	9	21
FEB	29	4.4	14	28
MAR	30	5.0	15	40
APR	30	4.5	9	27
MAY	29	5.0	12	24
JUN	30	4.9	13	31
JUL	31	5.6	11	27
AUG	31	5.1	10	32
SEP	30	5.4	13	45
OCT	31	4.9	11	28
NOV	28	5.6	13	24
DEC	31	7.2	12	36
YEAR	360	5.2	15	45

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 31105 HYDRO 55 SHERBOURNE/WILTON ST. TORONTO

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	467	228	22	9	1	0	0	727
FEB	482	163	34	4	5	0	0	688
MAR	441	228	36	9	9	1	0	724
APR	412	260	34	4	1	0	0	711
MAY	408	237	52	13	3	0	0	713
JUN	382	276	45	7	4	1	0	715
JUL	340	319	65	7	4	0	0	735
AUG	412	232	69	9	3	1	0	726
SEP	384	253	44	23	7	:	:	713
OCT	382	300	36	10	4	0	0	732
NOV	340	250	61	19	6	0	0	676
DEC	286	291	86	44	18	1	0	726
YEAR	4736	3037	584	158	65	5	1	8586

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.7	0	1.0	2.3	3.6	5.6	9.8	12.4	16.4	19.3	45	5.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	12	8	6	5	6	2	3	5	4	4	5	6	5	5	6	6	6	7	7	5	6	6	5	6
2	5	5	3	3	3	3	4	5	3	4	4	5	4	2	4	5	4	3	5	3	3	0	0	0	3
3	0	0	0	0	0	0	0	3	3	3	3	2	3	3	***	2	4	3	4	1	3	2	2	2	2
4	2	1	0	2	0	3	3	5	2	3	4	0	1	0	0	1	2	2	2	2	2	3	2	1	2
5	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	2	5	5	4	4	5	4	2	2	2
6	3	0	2	0	3	0	1	0	2	3	3	3	2	1	1	1	2	1	1	2	0	2	2	2	2
7	2	3	3	3	3	3	5	4	4	3	3	2	3	2	2	3	3	3	3	4	3	3	2	2	3
8	2	0	0	2	2	2	3	4	6	5	3	2	3	3	3	3	4	5	4	4	2	3	3	2	3
9	2	2	2	2	2	2	3	6	6	7	4	3	3	2	4	4	10	3	4	3	3	4	5	4	4
10	4	3	3	3	3	5	7	10	15	10	4	2	3	2	2	0	2	1	2	2	2	3	3	3	4
11	4	4	4	3	4	3	5	7	6	5	3	3	3	0	2	3	4	3	1	1	1	2	1	2	3
12	2	2	0	1	2	0	0	0	2	2	1	2	1	2	1	2	3	3	3	3	2	4	4	4	2
13	4	3	3	4	4	5	3	2	1	1	1	1	0	0	2	2	3	3	3	7	6	4	3	2	3
14	2	2	3	3	3	4	5	6	8	9	8	8	8	6	5	4	8	6	4	3	4	4	3	5	5
15	3	4	5	4	3	3	8	11	13	7	2	2	0	2	0	1	1	6	6	4	2	2	1	2	4
16	2	0	1	1	1	2	2	3	1	2	2	1	0	1	0	1	2	3	2	1	3	3	3	3	2
17	2	3	2	2	2	3	3	4	4	4	4	5	3	4	4	4	4	4	6	8	7	3	4	3	4
18	4	3	4	3	3	3	5	6	7	6	6	6	***	6	6	7	5	5	5	4	4	3	3	5	5
19	3	3	2	2	1	0	0	0	0	2	2	2	1	2	2	1	2	2	2	3	3	4	4	1	2
20	0	0	0	0	0	1	0	0	0	0	2	0	1	0	0	0	0	3	3	2	4	4	3	3	1
21	0	0	2	1	0	1	2	5	6	6	3	3	5	***	5	5	6	4	3	4	8	10	8	6	4
22	6	6	6	4	3	2	3	4	4	4	4	5	5	6	6	7	9	5	5	3	3	3	4	4	5
23	3	2	2	1	0	0	2	4	3	3	2	2	2	2	2	2	3	3	3	3	2	2	0	2	2
24	0	4	3	0	0	2	2	4	4	4	4	3	3	2	3	6	7	5	4	4	5	7	8	10	4
25	5	6	6	4	6	6	11	14	18	16	21	14	8	8	7	6	7	8	5	6	7	4	5	9	9
26	3	3	2	2	1	0	2	2	2	2	3	2	2	2	2	3	4	4	4	6	8	5	5	6	3
27	5	5	4	2	2	0	2	3	3	3	3	3	4	3	3	2	3	2	5	5	4	4	4	3	3
28	3	3	2	2	3	3	3	6	5	4	3	3	3	3	3	4	4	4	5	4	3	5	4	4	4
29	2	2	3	2	3	4	6	8	9	8	6	5	3	2	***	4	5	3	3	5	3	3	0	2	4
30	2	1	0	1	1	3	4	6	6	2	3	3	3	3	2	***	7	4	3	3	3	1	0	1	3
31	0	0	0	0	0	0	3	5	4	3	4	3	3	3	3	6	2	4	4	4	2	3	2	3	3
MEAN	3	3	2	2	2	2	3	5	5	4	4	3	3	3	3	3	4	4	4	4	4	4	3	3	3.3

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH														MONTH - FEB 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	0	1	0	0	4	6	5	3	3	3	3	2	3	3	4	3	3	4	3	3	1	3	3
2	2	1	0	0	1	0	1	3	3	3	3	2	2	2	2	2	3	3	3	4	5	6	3	2	2
3	2	3	0	0	0	0	0	2	2	2	1	5	1	2	2	2	2	3	3	3	3	2	2	1	2
4	0	1	0	1	0	2	2	6	6	6	6	6	6	2	2	2	3	3	3	2	2	3	2	3	2
5	3	3	1	0	1	3	5	11	10	6	6	3	1	2	1	2	2	3	2	3	2	4	3	3	2
6	3	2	2	2	2	2	3	3	4	3	5	5	4	4	2	2	2	3	3	3	2	3	3	3	2
7	0	3	1	2	2	2	4	7	8	5	5	4	4	4	2	2	2	3	3	3	2	2	3	3	3
8	2	2	1	3	2	3	5	8	8	6	5	3	4	2	4	3	3	3	3	3	3	2	2	3	3
9	2	2	2	2	2	2	4	0	3	5	4	3	3	2	2	2	2	3	3	3	3	3	4	3	3
10	2	2	1	0	1	0	0	2	2	2	2	1	2	2	1	2	5	4	4	6	4	5	4	3	2
11	4	4	4	3	3	4	5	9	9	7	6	5	5	4	5	5	6	8	4	5	4	5	4	4	4
12	3	3	3	2	3	3	6	9	12	9	5	4	4	4	3	3	3	2	3	3	4	5	5	4	4
13	5	5	5	5	5	5	7	8	9	9	8	6	6	5	5	3	4	3	4	4	5	5	4	5	5
14	5	4	3	3	4	5	6	9	9	9	5	3	3	2	1	2	2	3	4	5	4	5	6	8	5
15	9	6	5	5	4	6	6	8	7	5	3	2	5	4	4	2	2	1	2	1	1	1	0	3	4
16	2	0	0	0	0	0	2	2	2	1	2	2	3	3	3	2	2	2	2	2	3	2	2	4	2
17	3	4	5	5	3	5	4	5	5	3	3	2	2	2	0	1	2	3	4	3	5	3	3	3	3
18	3	3	3	3	3	3	5	9	7	5	5	4	4	4	4	5	4	4	4	3	4	4	4	4	4
19	3	3	4	3	4	4	5	7	8	8	9	8	8	8	8	8	7	8	9	8	12	11	9	7	7
20	6	4	4	5	5	6	6	8	7	6	5	5	7	12	12	13	14	13	13	14	13	13	14	12	9
21	10	9	6	5	4	4	5	9	10	9	7	5	4	5	4	3	2	2	0	0	0	0	0	0	4
22	0	0	0	0	0	2	2	2	3	0	0	1	0	11	1	1	3	3	5	5	4	5	4	3	2
23	3	3	2	1	2	2	1	3	3	3	2	3	3	3	2	3	4	4	6	5	7	5	4	4	3
24	4	5	3	4	3	3	3	3	3	2	1	1	2	2	2	0	2	4	5	4	3	5	4	3	3
25	3	3	3	2	2	1	5	7	4	3	3	3	3	3	3	3	2	2	3	2	2	2	1	2	3
26	2	2	0	1	2	2	4	7	6	4	3	3	3	5	3	2	3	4	4	5	4	4	3	2	3
27	2	3	3	3	2	4	6	8	7	6	6	4	4	3	3	3	3	3	3	2	3	4	3	2	4
28	3	3	0	2	2	3	4	8	8	4	4	3	4	1	3	3	4	5	4	4	4	4	3	6	4
29	2	3	2	2	1	2	4	6	7	6	4	3	3	2	2	2	5	3	4	5	5	5	4	5	4
MEAN	3	3	2	2	2	3	4	6	6	5	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4.6

PERCENTAGE OF DATA VALID - 98.0

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COMS/1000 FT											
		STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH												MONTH - MAR 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	4	2	2	2	2	3	5	3	3	4	2	2	2	2	4	4	2	2	4	4	2	2	3
2	1	1	9	9	2	2	2	2	4	4	3	3	0	0	1	1	1	1	0	0	7	7	2	2	3
3	2	2	8	8	4	4	3	3	3	9	9	6	5	4	5	5	4	4	4	4	3	4	5	4	5
4	4	4	5	5	5	5	8	11	10	8	7	7	8	6	6	7	9	8	9	11	13	12	16	7	8
5	5	5	5	6	6	5	6	7	6	5	4	5	6	10	8	11	7	3	2	2	2	0	1	2	5
6	1	2	0	0	1	2	5	6	5	5	5	4	5	3	3	3	5	4	5	5	5	5	7	9	4
7	8	7	6	7	8	8	11	16	12	10	10	5	7	7	5	4	6	7	7	8	7	9	6	3	8
8	5	5	3	3	3	4	4	5	3	3	3	3	4	4	3	6	5	5	4	6	6	5	3	7	4
9	5	5	4	2	4	4	3	3	3	4	4	4	4	2	3	4	4	4	4	5	7	6	7	6	4
10	5	5	4	4	4	5	6	11	9	7	5	5	6	5	6	5	5	5	5	5	2	0	1	1	5
11	2	0	0	2	0	1	0	4	3	3	0	2	0	0	3	9	0	0	2	2	3	1	2	2	2
12	2	0	0	0	1	0	4	5	5	3	2	2	2	2	0	0	0	0	0	2	4	3	3	4	2
13	4	0	1	0	0	0	0	0	0	0	2	2	3	3	3	3	2	2	3	4	2	2	1	2	2
14	2	2	1	1	2	2	3	13	15	10	5	6	3	3	2	0	2	2	2	2	0	2	2	2	3
15	2	0	1	2	0	1	2	2	2	3	2	2	0	3	1	0	2	1	3	4	4	3	4	5	2
16	4	6	4	3	6	2	1	0	0	0	1	0	0	0	0	0	0	2	2	2	3	2	2	2	7
17	4	3	4	4	5	6	13	22	15	8	6	7	5	5	5	4	9	9	5	6	7	2	2	0	2
18	0	0	0	0	0	1	0	3	3	1	2	3	0	0	0	0	1	2	3	4	4	7	7	6	7
19	6	7	8	10	12	13	8	8	6	8	9	10	8	7	6	4	3	4	5	5	5	5	6	8	7
20	12	7	8	7	6	7	9	14	17	9	9	10	8	8	5	3	5	5	4	7	5	5	5	6	8
21	5	5	5	5	4	4	5	4	4	3	3	3	3	4	7	3	3	1	0	0	0	0	0	0	3
22	0	2	2	0	0	0	0	3	0	2	3	3	4	3	4	3	3	3	5	2	4	3	3	4	2
23	3	4	2	2	3	2	3	3	4	5	5	5	4	3	3	3	3	5	6	3	3	2	4	3	3
24	1	2	2	3	4	3	2	2	2	2	1	0	2	2	1	4	0	2	5	4	4	4	3	4	2
25	2	2	2	2	1	1	2	4	5	3	3	2	2	2	2	2	3	3	2	3	2	2	1	1	2
26	2	2	0	1	0	2	3	6	7	5	3	4	4	3	6	8	6	8	10	4	3	2	3	3	4
27	2	2	3	4	4	3	7	7	7	4	3	2	2	2	2	1	0	0	1	2	2	2	0	0	3
28	0	2	4	3	5	5	5	7	8	6	5	5	5	0	3	3	3	4	5	7	9	4	4	5	4
29	4	4	3	2	2	2	3	2	3	3	3	3	3	3	2	3	2	3	2	3	3	3	4	3	3
30	3	2	2	0	0	0	0	2	0	2	3	2	2	0	0	1	0	0	0	0	0	2	2	1	1
31	0	0	0	2	0	1	1	0	2	2	0	0	2	0	1	2	1	1	2	2	3	4	3	3	1
MEAN	3	3	3	3	3	3	4	6	5	4	4	4	4	3	3	3	3	3	4	4	4	4	4	3	3.7

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX		UNITS - 0.1 COMS/1000 FT																							
STATION - C NO 33003		LAWRENCE/KENNEDY SCARBOROUGH												MONTH - APR 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	2	5	2	5	5	10	12	7	-	-	3	3	4	3	4	4	4	4	5	3	4	7	7	5
2	8	8	10	11	12	14	12	10	6	5	5	5	6	4	5	4	5	3	2	0	0	0	1	2	6
3	2	2	3	7	4	7	12	8	2	2	2	1	-	0	0	0	0	0	0	0	0	1	0	1	2
4	0	0	0	1	0	2	3	3	7	6	4	6	4	4	5	3	1	1	2	1	1	0	0	0	2
5	0	0	0	0	0	0	0	2	2	2	3	3	3	2	2	0	0	0	0	0	0	1	0	0	1
6	3	2	3	2	2	2	3	2	2	0	1	0	0	1	0	0	5	6	4	4	4	4	4	6	3
7	0	0	2	0	0	2	2	3	3	4	3	4	3	2	0	2	3	3	0	3	2	2	2	2	2
8	3	2	3	2	3	2	2	4	5	9	4	5	4	4	0	2	2	2	2	0	3	3	2	2	2
9	2	0	0	0	2	3	5	3	3	0	0	0	0	3	7	5	5	5	4	5	5	4	4	5	3
10	2	2	2	2	2	2	3	4	5	5	5	6	5	5	4	7	8	3	5	6	7	7	7	7	4
11	3	3	2	2	3	3	4	5	5	5	5	6	5	5	4	7	8	3	5	6	7	7	7	7	4
12	5	5	4	4	5	4	4	4	4	4	5	6	8	8	8	8	8	6	2	0	2	0	2	2	5
13	2	2	1	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	2	0	1	1	3	1	1
14	1	0	2	1	2	0	0	0	1	0	0	0	0	0	1	0	0	2	0	2	2	3	3	4	1
15	3	0	2	2	0	2	4	4	6	4	3	4	4	4	4	4	2	0	3	3	5	3	2	0	3
16	0	0	0	0	0	0	2	3	6	3	3	2	2	2	1	2	3	2	3	2	3	3	3	4	2
17	4	4	3	3	7	6	10	10	9	5	4	6	6	5	4	6	0	3	4	4	5	5	3	4	5
18	5	4	5	5	4	5	8	9	7	6	4	2	0	2	3	5	4	2	4	3	3	3	3	3	4
19	3	7	6	4	5	4	7	5	5	5	2	3	3	3	4	7	4	5	7	8	9	8	6	6	5
20	8	9	6	3	3	5	3	3	3	0	0	0	1	1	0	2	0	2	2	3	2	0	0	0	2
21	0	0	1	1	1	1	4	6	6	5	2	0	1	0	2	3	2	2	3	2	2	-	-	3	2
22	2	1	2	4	2	4	4	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	1
23	0	0	0	2	0	2	1	2	2	3	3	0	3	0	2	1	6	0	2	0	0	0	0	2	1
24	1	2	2	1	2	0	4	3	5	4	3	2	0	0	0	1	2	1	2	2	2	4	6	4	2
25	4	3	2	4	2	3	5	7	8	4	3	4	5	6	2	6	5	4	5	5	3	7	4	6	4
26	3	3	3	4	3	3	3	4	4	4	0	2	0	3	4	3	3	3	3	4	9	9	4	2	3
27	2	2	3	4	0	2	2	3	3	3	0	0	0	0	2	3	0	2	2	2	2	0	1	2	2
28	1	2	1	1	1	2	2	2	2	1	1	2	2	0	0	2	0	0	0	0	0	0	0	0	1
29	0	0	0	0	0	0	3	4	2	0	0	1	0	0	0	0	0	0	0	9	0	0	0	0	1
30	0	0	0	0	0	0	0	0	1	1	0	0	0	6	5	7	5	3	7	-	2	7	6	5	2
MEAN	2	2	2	2	2	3	4	4	4	3	2	2	2	2	3	3	3	2	2	3	3	3	3	3	2.7

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT												
STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH														MONTH - MAY 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	4	3	3	3	3	6	10	10	7	3	3	3	6	7	8	-	9	2	4	7	8	3	4	2	5	
2	1	0	0	1	2	4	8	2	3	2	3	6	7	5	5	3	3	2	5	4	4	5	5	4	3	
3	7	6	5	4	4	5	3	3	3	0	3	3	3	3	3	2	2	0	1	2	2	2	4	3	4	
4	3	2	3	3	2	1	3	0	2	0	0	0	1	2	2	1	1	2	0	1	1	2	3	1	2	
5	2	3	2	2	3	4	7	9	6	8	7	8	4	4	3	2	2	2	1	3	3	2	2	3	4	
6	3	2	2	3	2	2	3	4	2	3	2	2	1	1	2	2	3	3	3	2	3	3	3	2	2	
7	2	1	2	2	3	3	7	8	5	4	2	2	3	0	0	2	1	1	0	0	0	0	0	2	2	
8	0	0	0	0	1	4	6	4	4	4	4	4	4	5	4	3	3	2	1	1	1	0	0	0	2	
9	0	0	0	0	0	0	4	4	4	4	3	1	4	0	0	4	2	0	0	0	1	2	0	1	1	
10	1	1	2	3	3	3	5	5	5	2	2	2	0	2	0	2	2	1	3	3	0	2	2	2	2	
11	2	2	3	3	3	3	2	3	3	2	3	4	3	3	3	0	2	2	2	3	3	2	1	0	2	
12	2	2	3	5	6	10	12	8	2	0	0	0	0	0	0	2	1	0	3	3	4	3	3	2	7	
13	2	3	3	2	0	2	3	4	4	5	3	3	3	3	0	9	6	5	3	2	2	5	2	2	3	
14	2	0	1	0	1	4	5	6	5	5	2	3	2	2	5	4	2	0	2	2	0	1	2	-	2	
15	2	2	0	1	2	4	6	8	5	0	1	1	1	1	1	0	3	4	3	2	2	2	4	3	3	
16	3	1	3	4	2	8	12	12	4	3	2	7	5	3	3	3	4	3	5	5	5	8	10	11	5	
17	11	7	4	2	2	2	3	2	2	0	3	2	2	0	2	1	2	1	4	5	4	2	2	2	3	
18	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	3	0	*****	*****	*****	*****	*****	*****	*****	*****	
19	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0	6	6	2	0	2	*****	*****	*****	
20	3	1	0	0	0	0	0	0	0	0	0	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
21	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	5	12	10	9	6	5	5	7	9	8	10	*****
22	5	3	4	3	3	8	9	9	6	6	5	8	10	10	6	6	7	7	4	6	6	9	8	8	7	
23	8	7	8	9	10	12	15	17	13	13	9	7	11	9	7	8	9	8	9	11	11	14	8	4	10	
24	4	4	3	3	4	3	5	5	6	5	4	5	5	4	4	3	5	2	4	4	3	3	4	4	4	
25	4	3	4	4	2	2	2	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
26	2	0	0	0	0	2	3	2	3	3	3	2	2	12	3	2	2	1	2	2	2	2	2	2	2	
27	1	0	0	0	0	3	6	8	5	4	2	3	2	2	3	2	2	2	3	4	2	2	2	2	3	
28	1	1	0	1	1	3	5	11	5	0	5	2	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
29	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	3	2	2	0	1	1	2	0	2	0	*****	
30	0	1	2	2	0	2	3	4	4	6	9	9	10	8	6	6	7	6	5	5	5	5	4	3	5	
31	3	2	0	1	2	2	4	3	4	4	3	3	4	9	2	2	0	0	2	1	0	2	0	0	2	
MEAN	3	2	2	2	2	4	6	6	4	3	3	3	4	4	4	3	3	2	3	3	3	3	3	3	3.3	

PERCENTAGE OF DATA VALID - 87.4

PERCENTAGE OF DATA INVALID - 12.2

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - PARTICULATES - SOILING INDEX										UNITS - 0.1 COHS/1000 FT														
	STATION - C NO 33003										LAWRENCE/KENNEDY SCARBOROUGH														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	2	3	0	0	2	2	0	1	2	1	1	0	0	2	2	1
2	4	4	3	3	0	0	2	2	3	3	2	2	0	0	5	5	0	0	1	1	0	0	0	0	2
3	2	1	1	0	2	3	3	6	6	6	2	3	3	2	2	3	2	1	2	3	2	0	3	0	2
4	1	2	2	1	0	4	4	3	4	2	1	2	2	3	3	3	2	2	2	3	2	3	3	2	3
5	1	0	0	2	2	5	8	4	0	2	2	1	3	3	4	3	3	4	5	3	1	2	2	7	3
6	5	1	3	3	0	2	2	2	2	3	3	4	3	2	2	3	3	3	5	5	5	4	4	3	3
7	3	2	2	2	2	3	4	3	3	4	3	2	3	3	2	2	2	2	2	0	0	2	2	2	2
8	3	5	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	1
9	2	2	3	3	3	6	8	7	8	7	2	2	2	3	3	2	2	2	2	0	0	0	2	1	3
10	2	2	1	2	2	3	4	5	4	3	3	2	....	0	4	4	2	1	0	1	0	0	0	1	2
11	0	0	0	0	2	4	6	5	4	4	5	5	3	5	5	8	3	2	2	0	0	2	2	5	3
12	7	9	11	11	10	14	12	12	11	9	7	6	2	0	4	5	5	4	5	7	7	6	8	7	7
13	6	6	7	7	8	11	11	9	9	10	10	7	5	7	5	5	5	5	4	5	7	7	5	6	7
14	9	8	10	10	10	10	6	....	....	....	7	6	5	4	5	6	6	7	7	7	8	7	5	6	7
15	6	6	6	6	7	7	6	6	5	5	6	5	2	0	0	0	0	0	0	1	0	0	0	0	3
16	0	0	0	0	0	1	3	4	3	3	0	0	1	2	2	2	1	1	2	3	2	0	0	0	1
17	0	0	0	0	3	7	10	10	6	5	3	....	4	2	2	2	3	3	2	3	4	4	3	4	5
18	3	3	2	3	3	5	7	6	7	8	6	6	7	6	5	5	3	3	2	3	4	4	3	4	5
19	5	3	2	3	3	3	2	2	2	3	0	2	3	3	2	3	3	3	3	4	7	5	3	3	3
20	2	2	3	0	0	2	2	2	2	1	3	2	2	3	4	0	0	2	3	3	5	4	4	5	2
21	5	6	3	4	3	6	4	3	4	3	2	2	2	3	3	2	3	2	2	3	3	4	6	6	4
22	11	6	8	8	9	7	8	7	5	4	3	3	3	2	3	3	3	3	2	3	3	5	5	5	5
23	3	3	3	4	5	6	9	10	10	11	12	12	10	6	5	6	4	4	3	4	4	6	7	7	6
24	8	7	6	9	8	10	13	11	14	13	11	9	7	3	7	6	7	7	5	5	9	9	9	9	8
25	8	7	7	7	7	10	16	14	10	11	10	9	7	6	6	7	9	7	4	4	5	4	3	4	8
26	4	5	7	6	6	8	9	10	9	9	8	7	5	5	5	7	2	2	1	2	1	2	3	6	5
27	7	6	4	4	5	8	9	9	8	4	6	5	4	3	3	3	2	2	0	1	0	1	1	0	4
28	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0
29	0	1	2	0	0	0	0	0	0	0	0	0	0	1	2	1	2	2	0	2	4	4	4	2	1
30	1	0	3	0	0	2	2	0	0	2	2	2	3	1	2	2	2	2	1	2	2	0	1	1	1
MEAN	4	3	3	3	3	5	6	5	5	5	4	4	3	3	3	3	2	3	2	3	3	3	3	3	3.5

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "..." INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH														MONTH - JUL 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	3	3	3	3	3	3	3	2	1	2	2	3	3	3	3	4	3	3	4	3
2	3	3	4	4	4	6	7	5	5	4	4	3	3	3	4	4	3	2	0	1	0	1	2	2	3
3	0	2	2	2	2	4	6	5	6	4	....	4	5	7	6	6	6	5	6	5	2	4	6	6	4
4	6	4	3	4	4	6	8	8	6	6	6	6	5	6	6	7	7	6	5	5	4	4	4	4	5
5	5	4	5	6	5	5	6	6	5	5	6	6	7	6	4	3	2	1	1	0	0	0	0	0	4
6	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	2	0
7	2	1	1	2	3	5	6	8	11	8	5	3	....	....	8	3	2	2	2	3	4	3	2	1	4
8	2	2	3	2	3	5	7	8	7	8	6	4	4	4	4	4	3	2	2	2	0	2	2	2	4
9	2	0	0	1	3	3	6	6	2	0	2	4	4	....	8	11	9	6	4	5	5	6	8	11	5
10	8	9	10	7	10	13	13	11	10	6	8	11	11	14	13	9	5	5	5	5	6	7	7	6	9
11	5	6	6	6	6	7	7	7	5	7	3	3	3	11	0	3	4	3	2	2	2	2	2	0	4
12	0	1	1	1	3	2	2	2	2	2	2	1	2	2	2	2	2	1	2	2	2	2	2	2	2
13	2	1	2	0	3	0	0	2	3	0	0	0	0	2	2	2	2	2	0	0	4	2	1	2	1
14	5	4	4	8	7	11	10	9	7	7	8	8	10	5	3	5	7	2	2	2	3	3	4	4	6
15	4	5	4	5	5	7	10	12	14	6	6	7	6	....	8	7	4	2	3	3	4	3	3	3	6
16	3	2	4	4	2	4	5	6	5	4	3	5	5	3	3	3	4	3	4	4	3	3	2	1	4
17	3	3	3	4	4	4	5	4	5	3	4	3	2	3	6	5	3	2	0	2	1	1	2	2	3
18	2	1	0	0	2	4	7	8	5	5	3	3	8	2	2	2	2	0	1	0	0	2	3	2	3
19	2	2	3	3	3	4	5	5	4	3	4	3	3	3	4	3	4	2	3	3	4	3	2	3	3
20	4	5	3	3	3	3	3	3	3	4	4	3	4	3	4	4	5	4	5	5	8	4	4	3	4
21	1	0	0	0	0	2	5	7	8	4	1	4	....	....	5	3	2	2	3	2	2	2	2	2	3
22	2	1	3	2	2	4	5	8	6	8	7	6	6	4	3	3	2	2	2	3	5	0	0	0	4
23	1	1	3	3	2	2	4	4	4	4	0	0	4	4	2	2	2	2	1	0	1	2	2	1	2
24	2	3	2	3	3	6	8	8	6	4	4	2	3	5	3	5	3	3	3	5	4	5	5	4	4
25	4	3	2	2	3	5	7	9	7	9	7	5	4	4	4	4	5	4	3	3	4	4	4	3	5
26	3	3	3	3	3	3	3	3	3	2	2	2	2	4	5	6	3	4	5	4	4	5	4	4	3
27	3	3	2	3	3	3	3	3	3	2	2	2	3	3	2	2	3	2	3	3	3	3	2	0	3
28	0	0	0	0	0	2	3	2	2	2	2	2	1	....	-	-	2	2	3	2	-	-	-	-	2
29	2	2	3	3	2	3	6	6	4	4	5	8	8	2	7	5	3	2	3	2	2	4	4	3	4
30	5	4	6	4	4	4	7	7	4	3	3	3	3	2	2	2	1	3	1	2	3	5	4	4	4
31	3	3	3	5	6	7	9	7	7	5	3	3	4	2	3	2	2	2	1	2	2	0	1	2	4
MEAN	3	3	3	3	3	4	6	6	5	4	4	4	4	4	4	4	3	3	2	3	3	3	3	3	3.6

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 CGHS/1000 FT											
STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH														MONTH - AUG 80											
HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	5	4	9	8	10	10	10	7	7	5	4	5	3	3	3	4	3	5	3	3	5	5
2	3	2	2	2	5	3	4	5	5	4	2	2	2	2	4	2	2	3	2	2	0	2	2	2	3
3	2	3	1	1	2	2	1	2	2	2	3	2	2	2	2	2	2	4	2	0	0	0	0	0	2
4	0	1	2	0	2	5	3	3	2	2	2	0	0	0	3	0	0	0	0	0	0	0	0	0	1
5	0	1	1	0	0	1	3	4	4	6	4	5	4	4	3	0	0	0	0	1	1	6	6	5	3
6	0	2	2	2	2	3	6	6	6	4	4	7	3	3	0	5	3	-	2	2	2	3	2	2	3
7	0	0	5	5	4	4	7	7	7	3	7	7	3	3	3	5	3	3	3	2	2	2	3	2	4
8	2	3	4	5	6	7	8	7	6	6	5	6	6	5	6	5	3	3	3	2	2	2	3	2	4
9	2	2	2	0	0	0	0	2	2	2	2	2	2	1	1	1	1	0	0	0	0	0	0	1	1
10	1	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0
11	****	2	3	3	2	2	4	2	3	1	0	0	0	0	0	0	****	0	0	0	0	0	0	2	1
12	2	0	0	0	2	3	7	7	7	5	4	4	4	6	3	3	2	2	2	2	0	0	0	1	3
13	0	1	2	2	3	7	7	7	6	5	5	5	5	****	2	0	2	3	3	4	4	4	3	7	5
14	6	4	4	4	2	4	5	6	8	8	8	6	5	5	5	4	3	3	3	3	3	2	4	3	0
15	0	0	0	0	2	2	5	10	8	4	3	4	6	3	4	3	0	0	0	0	1	0	2	3	3
16	3	2	2	0	2	0	0	0	0	0	2	2	1	1	0	0	1	0	0	0	0	0	0	0	1
17	3	4	2	3	3	3	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1
18	0	0	0	0	0	2	3	3	2	2	****	3	3	3	2	3	2	2	2	2	2	2	2	3	2
19	5	5	5	6	7	10	****	****	13	8	4	4	4	6	****	3	4	5	4	5	3	3	3	3	5
20	4	5	5	3	5	5	6	3	3	3	2	3	2	3	0	1	1	2	2	2	2	3	3	3	3
21	3	3	2	****	3	2	2	3	2	3	3	3	2	2	2	0	1	2	2	2	1	1	2	3	2
22	2	2	2	2	2	2	5	3	2	2	2	3	12	2	2	2	2	2	2	2	2	3	4	4	3
23	5	5	8	4	3	3	5	4	4	2	2	3	2	2	1	0	2	1	0	2	1	1	0	1	3
24	2	1	1	0	0	1	2	2	3	1	0	0	0	0	0	0	0	0	0	2	3	5	6	7	2
25	8	6	6	6	7	8	17	23	16	15	7	9	9	5	5	3	3	3	3	5	5	4	5	6	8
26	5	5	4	5	5	6	9	11	9	9	7	8	8	5	5	0	4	5	4	4	6	5	6	6	6
27	7	6	5	6	6	9	11	10	10	11	8	6	8	8	7	7	8	11	9	7	6	3	0	0	1
28	2	0	0	0	0	3	2	1	3	2	2	1	1	0	0	0	0	0	0	0	2	0	1	2	2
29	0	0	0	0	2	4	6	5	3	3	2	2	2	1	2	2	0	0	0	1	0	1	2	2	4
30	3	3	3	2	2	3	4	4	5	5	****	2	3	3	4	4	5	4	3	3	4	4	6	6	4
31	5	5	3	4	5	4	3	3	3	4	4	3	3	3	3	3	3	3	2	3	4	4	1	1	3
MEAN	3	2	3	2	3	4	5	5	5	4	4	4	4	3	3	2	2	2	2	2	2	2	2	3	2.9

PERCENTAGE OF DATA VALID - 98.0

PERCENTAGE OF DATA INVALID - 1.6

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 CGMS/1000 FT											
STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH														MONTH - SEP 80											
HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	2	3	1	1	2	3	3	2	3	3	3	2	2	3	4	3	3	3	3	3	3	3	3
2	1	0	2	3	2	2	9	9	9	11	8	9	9	8	4	1	3	3	3	3	4	4	4	3	5
3	4	3	2	2	1	5	8	7	8	5	3	4	4	4	3	3	3	4	6	3	4	3	3	4	4
4	6	6	8	8	5	6	6	5	2	2	3	3	2	3	3	2	2	3	4	-	6	5	4	4	4
5	3	3	3	3	3	6	8	7	6	5	6	5	2	2	3	0	1	0	1	2	3	4	5	5	4
6	4	4	4	3	3	4	4	5	4	3	3	2	0	0	1	0	0	0	0	0	1	2	3	0	2
7	3	3	0	3	2	2	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	1	2	1
8	1	0	3	2	5	7	13	13	9	12	8	3	4	3	3	1	2	1	2	2	2	1	2	2	4
9	2	3	3	5	4	8	9	9	6	7	7	7	6	****	****	2	2	1	0	0	0	3	2	2	4
10	1	0	0	0	2	3	6	6	0	2	2	1	2	0	2	1	0	0	0	2	4	5	3	4	2
11	4	3	2	2	3	4	7	4	3	4	10	0	0	0	0	0	0	0	2	2	3	3	2	3	3
12	2	2	3	2	1	0	3	3	0	0	0	0	0	3	0	3	3	2	2	2	2	2	3	1	2
13	0	0	0	0	0	0	0	1	2	0	0	0	0	2	0	3	3	1	0	4	3	2	0	0	2
14	2	2	4	1	2	3	5	5	6	6	3	2	2	0	1	0	2	2	1	0	0	0	0	0	2
15	0	0	0	0	0	1	4	-	4	4	0	0	0	0	0	2	2	1	0	2	3	4	5	3	2
16	0	0	2	2	2	3	4	5	5	3	2	0	7	3	5	2	2	3	3	5	1	3	3	3	3
17	5	4	0	4	2	4	2	6	2	7	3	3	2	4	4	3	2	3	2	1	0	0	2	3	3
18	3	0	1	1	3	5	8	9	4	5	6	6	0	4	3	0	3	2	3	0	2	4	3	0	4
19	2	4	3	2	3	6	9	10	6	0	2	3	3	3	3	3	3	5	6	3	3	2	2	2	4
20	2	3	3	3	4	5	5	3	4	6	5	5	5	4	3	3	3	2	2	3	2	3	2	3	3
21	2	2	2	3	2	0	0	0	0	2	0	0	0	1	2	2	3	3	3	3	4	2	0	0	2
22	1	0	2	2	2	3	3	6	4	5	5	5	3	4	7	10	7	6	3	0	3	0	3	0	4
23	2	0	0	0	2	0	4	5	5	3	0	0	1	0	****	6	4	3	1	0	0	2	2	1	2
24	0	1	2	2	1	2	3	4	4	3	0	2	0	0	0	0	2	2	0	0	0	3	3	3	2
25	3	3	3	3	5	7	10	13	13	7	5	4	2	3	4	4	1	3	3	3	3	4	4	4	5
26	8	4	2	0	0	2	2	3	2	0	2	1	2	0	3	3	3	1	0	1	2	2	3	2	2
27	3	3	2	2	3	-	3	4	4	4	4	3	2	2	1	2	1	1	1	3	3	3	3	3	3
28	2	3	0	0	0	0	3	3	3	3	3	2	0	0	0	0	3	2	0	0	1	0	0	0	1
29	0	0	0	0	1	2	3	5	3	4	5	0	0	2	0	2	3	3	3	3	2	4	9	9	3
30	9	9	10	10	9	15	22	22	18	13	10	9	1	3	4	-	4	3	3	4	4	5	4	5	9
MEAN	2	2	2	2	2	4	6	6	5	4	4	3	2	2	2	2	2	2	2	2	2	3	3	3	2.9

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COMS/1000 FT												
STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH												MONTH - OCT 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 MEAN
1	5	6	7	6	4	4	9	7	7	6	6	4	4	3	3	3	2	2	3	3	2	3	2	3
2	2	0	0	0	0	4	3	4	4	3	3	4	4	3	3	-	-	3	3	4	3	3	3	3
3	....	....	3	....	....	3	3	4	1	0	0	0	0	3	6	4	2	....	....	....	....	....	....	....
4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
7	3	3	5	3	3	5	11	17	11	6	7	....	0	4	4	5	4	4	5	7	6	8	7	6
8	4	4	4	5	4	5	5	7	6	-	-	3	3	3	3	3	2	2	1	3	0	2	1	0
9	0	0	0	0	0	2	5	6	4	2	0	0	0	0	0	3	2	2	3	3	3	2	3	5
10	3	2	2	3	5	7	12	14	2	0	0	....	....	3	2	1	2	2	2	3	4	5	4	5
11	3	4	5	5	6	6	8	8	7	8	....	....	....	4	3	....	....	....	....	....	....	....	....	....
12	0	0	0	0	0	0	2	2	2	3	4	....	....	....	....	0	....	....	....	....	....	....	....	....
13	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
15	2	2	1	0	2	2	3	5	4	3	0	0	1	0	0	0	0	0	0	0	0	0	0	1
16	0	0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
17	2	2	3	3	3	5	6	5	6	6	6	6	5	5	6	7	6	4	4	4	4	3	3	4
18	2	1	0	1	3	3	4	2	3	1	0	0	0	0	0	3	3	....	....	....	....	....	....	....
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	....	....	....	....	....	....	....	....	....
21	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
22	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
23	0	0	0	0	0	4	7	8	5	3	2	2	1	4	0	0	0	1	2	4	4	2	0	2
24	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
26	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
27	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
28	6	5	4	4	3	4	4	6	5	3	4	2	2	3	3	2	3	2	2	2	2	2	2	3
29	1	4	0	0	0	2	3	4	4	3	2	2	2	2	2	2	3	4	4	3	2	3	2	2
30	2	1	2	2	2	2	3	5	4	4	3	3	2	2	0	3	5	4	3	3	3	3	3	3
31	3	2	3	2	3	3	3	4	6	5	4	2	3	1	2	2	3	1	2	3	3	2	0	0
MEAN	2	2	2	2	2	3	5	5	4	3	2	2	2	3	3	3	3	3	3	3	3	2	3	2.7

PERCENTAGE OF DATA VALID - 64.8

PERCENTAGE OF DATA INVALID - 25.8

PERCENTAGE OF DATA UNAVAILABLE - 9.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH													MONTH - NOV 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	2	2	2	0	0	0	0	1	1	1	1	1	1	2	2	1	1
2	2	0	0	0	0	1	1	0	0	1	2	2	1	0	0	0	0	2	4	9	16	15	11	9	4
3	5	4	3	-	3	2	3	3	3	3	2	2	3	3	4	2	2	4	6	8	4	4	5	3	3
4	3	3	2	3	2	2	2	3	3	2	2	0	3	3	3	4	5	4	4	2	2	2	2	0	2
5	0	0	0	0	0	0	1	3	4	3	3	3	1	1	2	3	2	2	2	3	3	4	3	2	4
6	3	3	3	2	2	3	4	5	5	3	3	3	3	4	3	5	3	3	15	4	3	3	4	4	4
7	3	3	3	3	3	4	5	9	8	7	6	6	6	8	5	5	7	8	7	8	5	3	2	3	5
8	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	0	2	3	3	4	0	0	0	0	1
9	0	1	1	1	1	1	0	2	2	5	6	3	3	3	2	0	2	0	2	2	2	1	0	0	2
10	0	0	0	0	0	0	2	1	2	2	2	7	6	1	0	1	2	2	2	3	3	0	1	0	2
11	0	1	0	3	2	0	0	3	2	2	2	2	2	3	2	2	3	3	1	0	0	0	0	0	1
12	0	0	0	0	0	0	0	6	4	3	3	3	3	7	4	4	5	3	4	4	3	5	-	-	7
13	5	7	7	4	3	5	4	5	6	5	6	7	8	9	10	9	6	10	11	11	14	14	11	8	8
14	9	7	7	6	4	3	2	3	3	3	3	3	2	3	4	3	3	3	2	1	0	0	0	0	3
15	2	2	4	4	3	3	4	6	4	4	3	2	2	2	2	2	2	1	2	2	3	2	2	0	4
16	0	0	2	0	2	3	3	1	0	1	1	0	0	0	0	0	2	0	1	8	9	8	10	16	19
17	14	18	18	10	7	6	6	8	7	3	-	0	0	0	0	0	2	3	2	2	0	9	5	19	5
18	3	4	3	2	0	0	0	2	3	3	1	2	2	2	0	4	7	2	2	2	2	1	2	2	2
19	2	0	0	2	3	2	4	6	5	3	4	4	4	5	....	3	5	7	7	7	6	5	6	8	4
20	7	8	7	9	8	8	11	17	12	11	10	12	9	7	6	7	9	8	8	7	4	6	7	7	8
21	7	6	5	5	6	5	6	8	8	7	5	6	5	6	7	3	3	2	2	3	3	3	2	2	5
22	2	2	2	1	2	2	5	8	6	4	4	4	4	4	4	3	4	8	7	7	14	9	9	8	5
23	6	6	6	5	5	6	7	6	6	7	7	7	7	6	8	8	8	7	8	7	6	7	8	9	7
24	9	10	10	9	8	6	8	13	16	13	9	12	11	9	8	7	9	8	4	3	2	2	0	1	8
25	0	0	0	0	1	4	5	....	0	19	7	4	3	....	3	3	6	3	4	3	5	5	7	8	4
26	5	5	5	3	6	6	9	12	12	9	4	3	3	3	4	4	7	10	14	20	19	21	15	11	9
27	-	4	4	3	2	3	3	2	2	2	2	1	0	3	3	4	2	0	0	1	2	1	0	0	2
28	2	0	0	0	0	0	1	2	1	2	1	0	2	5	7	6	7	9	7	7	6	5	6	6	3
29	6	4	4	3	3	0	1	2	3	3	3	3	3	3	2	2	2	2	3	5	5	3	2	3	2
30	2	2	2	2	2	2	0	1	2	2	2	2	2	2	3	3	3	2	3	3	3	5	4	4	2
MEAN	3	3	3	3	3	3	3	5	4	5	4	4	3	4	3	3	4	4	5	5	5	5	5	4	3.9

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH														MONTH - DEC 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	9	5	11	5	5	13	9	13	11	8	7	5	7	0	5	6	7	6	8	7	5	6	5	7
2	3	4	3	4	3	3	4	6	7	7	8	6	8	6	7	7	6	4	2	2	2	1	0	6	5
3	11	12	6	0	2	0	1	5	4	4	5	6	4	4	5	5	8	8	5	5	5	5	4	5	5
4	3	3	2	2	1	1	4	6	8	6	5	2	3	0	1	0	0	4	12	15	17	18	15	12	6
5	3	3	2	2	1	1	4	6	8	6	5	2	3	0	1	0	0	4	12	15	17	18	15	12	6
6	9	5	5	4	4	4	5	4	5	6	5	4	1	0	2	1	2	2	2	4	6	7	6	5	4
7	3	3	2	1	2	2	3	3	0	3	4	3	2	3	5	5	7	9	13	17	22	30	31	34	9
8	31	30	19	16	13	10	9	15	22	15	18	12	10	9	6	4	2	2	2	3	3	2	2	3	11
9	1	1	0	0	0	2	6	7	11	7	4	3	5	4	2	2	4	7	9	10	10	6	5	4	4
10	7	5	5	4	3	3	3	7	8	5	4	4	3	0	5	6	3	5	3	2	2	2	0	1	4
11	0	0	0	0	0	3	9	13	12	7	7	5	4	4	3	4	5	3	4	4	-	-	-	4	4
12	4	3	3	3	4	4	9	14	10	10	7	6	7	7	9	9	20	18	12	10	9	3	3	4	8
13	3	3	4	4	3	2	2	2	2	3	3	3	2	2	2	2	2	2	4	3	8	9	5	3	2
14	3	3	3	2	2	2	2	3	3	2	3	1	1	1	0	0	1	2	2	3	5	5	6	4	6
15	4	4	3	3	3	4	7	11	10	10	8	9	9	0	7	10	9	7	7	6	5	5	6	4	6
16	3	2	3	3	3	3	3	6	8	8	7	7	5	5	4	5	5	5	5	5	3	2	2	3	4
17	1	0	0	0	0	0	3	9	12	8	11	13	13	9	8	7	7	6	6	3	0	6	4	5	5
18	4	4	4	3	3	4	5	3	3	3	2	2	3	2	0	3	3	5	2	3	3	-	-	-	3
19	2	3	2	3	0	0	2	4	4	4	5	5	-	-	3	4	3	4	5	6	6	4	4	3	3
20	2	2	3	2	3	3	3	5	9	10	7	8	6	4	4	3	3	4	5	7	5	5	3	3	5
21	2	2	3	2	2	2	2	2	3	5	4	5	5	3	2	3	3	4	5	5	5	5	4	3	3
22	4	4	4	4	5	6	10	12	14	13	14	13	11	10	11	8	10	7	4	4	6	6	7	8	8
23	8	11	10	9	12	13	13	14	17	14	11	10	10	10	6	7	8	9	10	8	9	8	8	10	4
24	8	8	8	7	8	8	10	11	9	4	2	2	2	2	2	2	2	2	2	2	1	0	1	2	4
25	2	2	2	2	2	3	2	4	6	8	11	11	10	9	13	10	10	9	22	23	28	14	10	6	9
26	5	5	3	3	3	3	4	5	4	5	8	4	5	5	5	5	6	7	10	8	8	7	6	9	6
27	8	7	8	9	13	13	18	12	13	9	7	7	6	5	4	4	4	4	4	4	5	6	8	7	8
28	7	9	8	6	6	5	6	7	10	12	11	8	9	7	7	7	7	8	10	11	11	9	9	8	8
29	9	8	10	9	11	9	8	15	14	10	10	0	7	9	5	8	9	7	6	6	5	5	3	3	8
30	0	1	0	0	0	0	0	0	0	2	3	4	3	4	4	3	5	3	3	5	4	4	4	2	2
31	2	0	1	2	2	1	2	4	4	3	16	3	3	2	2	3	3	3	2	3	3	2	3	-	3
MEAN	5	5	4	4	4	4	6	7	8	7	7	6	6	5	4	5	6	6	6	7	7	6	6	6	5.7

PERCENTAGE OF DATA VALID - 95.0

PERCENTAGE OF DATA INVALID - 3.2

PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.3	9	21
FEB	29	3.6	9	14
MAR	31	3.7	8	22
APR	30	2.7	6	14
MAY	25	3.3	10	17
JUN	30	3.5	8	16
JUL	31	3.6	0	11
AUG	31	2.9	8	23
SEP	30	2.9	9	22
OCT	15	2.7	6	17
NOV	30	3.9	9	21
DEC	29	5.7	11	34
YEAR	342	3.5	11	34

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	577	151	7	3	1	0	0	739
FEB	503	163	16	0	0	0	0	682
MAR	508	212	16	3	1	0	0	740
APR	563	139	6	0	0	0	0	708
MAY	495	137	17	1	0	0	0	650
JUN	501	193	19	1	0	0	0	714
JUL	525	192	14	0	0	0	0	731
AUG	563	156	7	2	1	0	0	729
SEP	589	113	8	1	2	0	0	713
OCT	389	88	4	1	0	0	0	482
NOV	489	189	24	11	1	0	0	714
DEC	349	282	55	11	7	3	0	707
YEAR	6051	2015	193	34	13	3	0	8309

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
94.6	0	0.0	1.4	2.4	3.8	6.8	8.6	11.2	13.3	34	3.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK

MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	21	22	21	19	16	15	15	8	3	2	4	4	4	4	4	4	8	6	3	3	4	4	4	9
2	4	3	2	2	3	2	2	3	0	0	1	3	3	2	4	2	0	3	3	2	2	3	2	1	2
3	1	0	0	2	0	0	0	2	0	0	1	2	1	1	2	2	4	3	3	4	4	3	2	1	2
4	2	2	2	2	3	3	4	0	2	0	0	2	4	2	2	3	3	3	4	3	3	3	3	3	3
5	2	0	1	1	0	0	0	3	0	0	0	3	4	3	2	2	2	4	4	2	2	1	3	3	2
6	3	2	2	3	2	2	2	3	0	1	3	6	2	3	4	3	3	4	5	2	3	3	2	2	3
7	2	3	3	3	3	3	3	3	0	3	2	3	3	3	4	3	4	5	8	5	2	2	3	2	3
8	2	0	0	2	2	1	2	3	4	4	3	2	2	2	4	3	2	3	5	3	3	3	3	4	3
9	2	2	1	1	2	0	2	3	4	4	3	2	2	3	2	2	3	3	3	3	3	3	3	3	4
10	4	3	3	3	4	4	5	5	8	9	4	2	4	3	2	2	3	3	4	2	2	2	3	3	4
11	4	4	4	4	4	3	5	3	4	5	3	2	2	2	2	3	3	5	3	2	2	2	2	2	3
12	2	2	2	1	2	0	0	1	2	0	0	1	5	3	2	0	0	2	2	2	2	3	3	3	2
13	3	3	3	3	3	4	3	2	2	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2	4
14	3	2	3	3	2	3	3	5	2	7	7	0	7	4	4	4	5	7	5	3	3	4	3	3	4
15	3	4	4	4	4	5	5	8	8	8	3	3	2	2	0	3	4	5	7	3	3	2	1	2	2
16	2	2	2	2	2	3	1	3	0	2	0	2	3	2	3	2	3	6	3	2	2	3	3	3	5
17	3	3	3	3	3	3	4	5	5	7	6	7	6	6	5	6	6	7	7	6	6	3	3	3	4
18	4	4	3	3	3	3	3	4	2	5	5	5	6	5	5	5	3	5	5	4	3	3	3	2	1
19	3	2	2	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	2	4	3	2	3	2	1
20	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	2	3	2	5	3	1
21	2	2	2	0	0	0	0	2	4	1	2	2	2	1	4	3	3	4	7	4	6	6	5	5	3
22	6	5	5	4	3	2	0	3	2	3	4	4	2	5	4	5	5	7	4	4	3	3	3	3	4
23	3	3	1	0	0	0	0	0	0	0	1	0	0	1	1	2	1	0	3	2	2	1	0	0	1
24	0	0	0	0	0	0	2	2	2	2	2	1	2	1	3	2	3	3	5	7	6	7	8	3	3
25	8	8	8	7	7	7	8	9	7	10	13	12	9	6	4	4	4	7	6	5	5	4	5	4	7
26	3	3	2	2	2	1	1	1	0	0	0	1	2	1	2	2	2	4	5	5	3	3	3	3	2
27	4	4	0	1	0	0	0	0	0	0	2	2	2	1	2	2	2	6	5	3	3	5	2	2	2
28	3	3	2	3	3	2	0	2	0	2	2	2	0	0	0	2	2	3	4	0	2	2	1	1	2
29	2	2	2	2	3	3	4	4	3	5	3	3	0	0	2	2	2	4	0	2	2	2	1	1	1
30	2	1	0	0	0	0	0	2	1	2	0	2	2	0	2	2	5	4	0	2	2	2	1	1	1
31	2	1	1	0	1	1	0	2	0	2	2	2	2	2	2	2	2	4	4	2	2	1	4	0	2
MEAN	3	3	3	3	3	2	2	3	2	3	2	3	3	2	3	3	3	4	4	3	3	3	3	3	2.9

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK													MONTH - FEB 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	0	0	0	0	1	2	1	2	1	0	0	1	0	0	0	0	0	0	2	2	0	0	
2	0	0	2	2	2	2	0	0	0	0	0	0	0	0	2	2	2	2	2	1	2	...	1	0	1
3	2	2	3	1	0	0	0	1	0	0	0	2	0	0	0	1	0	2	2	2	2	1	1	0	1
4	0	0	0	0	0	0	0	2	0	...	2	8	2	0	0	0	2	2	2	2	0	1	2	2	1
5	2	2	3	3	3	3	4	6	4	4	2	2	2	2	2	2	3	3	4	4	4	3	3	3	
6	3	3	3	3	2	2	2	3	0	4	...	1	2	2	2	2	3	3	5	0	4	3	3	2	
7	3	3	3	3	2	2	2	3	2	4	...	2	2	2	2	2	3	4	4	1	2	2	2	2	
8	2	2	4	5	2	2	3	5	2	4	2	2	2	1	1	1	2	5	2	3	2	2	2	3	
9	2	2	2	2	2	2	2	2	0	2	2	1	1	0	1	1	0	4	2	2	3	4	4	2	
10	2	1	2	2	2	1	0	2	0	0	0	0	0	0	0	1	2	4	4	2	3	3	3	2	
11	3	3	3	4	4	5	3	5	4	5	4	4	4	4	4	4	1	5	6	3	4	4	4	4	
12	3	2	3	3	1	2	3	5	5	6	3	2	2	2	2	2	1	3	4	2	2	4	4	4	
13	4	3	4	4	5	4	6	6	5	8	5	4	5	...	0	4	2	5	6	4	4	4	4	5	
14	4	5	5	4	6	5	5	8	6	7	3	1	2	1	1	0	1	4	2	2	3	4	5	4	
15	6	7	7	7	6	7	7	7	7	9	7	3	3	4	3	3	2	3	4	2	2	2	1	2	
16	3	2	2	0	0	0	2	2	0	2	3	3	6	3	1	1	0	2	3	2	1	2	2	3	
17	3	4	3	3	3	3	3	5	4	2	1	0	0	0	0	1	2	3	3	3	3	3	3	2	
18	3	3	3	3	3	3	4	7	3	4	3	4	3	3	0	3	3	5	3	4	4	4	4	4	
19	3	3	4	4	4	4	4	6	4	9	7	6	5	6	8	8	9	10	13	10	10	9	9	6	
20	5	5	5	6	6	6	6	8	5	7	7	8	9	9	10	11	14	11	13	10	12	11	11	9	
21	10	9	7	4	4	4	3	4	2	3	4	4	5	5	5	3	3	3	0	0	1	3	2	1	
22	0	0	0	0	1	2	1	2	0	0	2	2	3	2	2	3	3	5	6	7	6	3	2	2	
23	3	2	2	2	2	2	0	2	0	0	0	2	2	3	4	4	4	6	7	5	4	5	4	3	
24	3	4	4	3	3	4	3	2	0	2	2	1	1	1	1	2	3	6	3	9	3	3	4	3	
25	3	3	2	2	1	2	5	3	0	3	0	1	1	2	...	2	2	4	3	2	0	0	0	2	
26	0	0	1	1	1	1	2	3	3	3	1	2	2	2	2	2	2	3	3	3	4	2	2	2	
27	3	2	3	3	4	3	4	6	2	5	4	2	1	2	2	4	2	4	1	0	1	1	0	1	
28	2	2	2	2	2	2	2	5	3	2	0	0	0	1	2	4	0	2	0	2	2	2	3	2	
29	3	3	2	2	2	3	2	3	4	3	1	1	2	2	2	2	2	0	2	9	8	11	7	3	
MEAN	3	3	3	3	3	3	3	4	2	4	2	2	2	2	2	3	3	4	4	3	3	3	3	3	

PERCENTAGE OF DATA VALID - 99.0

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT																
STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK													MONTH - MAR 80																
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN				
1	3	2	3	3	2	2	2	2	2	2	1	DATA INVALID																	
2														0	5	5	5	3	5	5	3	4	4	5	5	3	4	5	5
3														0	5	5	5	3	5	5	3	4	4	5	5	3	4	5	5
4	6	5	4	4	4	4	4	5	5	6	6	7	5	5	5	6	6	7	9	7	6	7	9	6	6				
5	5	5	5	5	5	5	6	6	5	8	6	6	7	0	0	11	4	3	3	0	0	0	1	0	4				
6	1	0	0	0	0	2	1	3	2	3	2	2	2	2	2	3	3	3	2	2	3	4	6	7	2				
7	5	5	5	5	5	6	6	7	4	7	5	4	4	2	4	3	4	5	7	6	7	6	4	3	5				
8	3	5	3	3	3	3	3	2	2	2	2	3	2	3	3	3	3	3	6	5	4	3	3	2	3				
9	2	3	3	2	2	3	3	2	0	2	2	3	2	2	3	3	3	4	7	5	5	5	5	5	3				
10	5	4	3	3	3	3	4	4	3	5	4	0	5	3	4	4	3	5	6	3	3	0	0	0	3				
11	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	2	3	0	1	1	0	0	0				
12	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	2	2	3	4	2	3	3	2	2	2				
13	2	0	0	0	0	0	0	0	0	0	1	2	3	3	1	3	3	2	0	1	2	4	3	2	1				
14	2	2	2	1	2	3	0	5	4	5	3	2	0	1	0	0	1	2	3	1	0	0	1	0	2				
15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	2	2	3	4	1				
16	5	6	5	6	4	3	0	0	0	1	0	0	0	0	0	0	1	2	5	2	2	2	1	2	2				
17	2	3	3	4	4	4	5	8	12	9	6	6	6	5	6	6	9	7	8	5	5	2	1	0	5				
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	5	4	4	5	5	1	1				
19	5	6	6	6	6	3	8	7	6	5	5	5	5	5	4	3	3	3	8	6	4	5	5	6	5				
20	8	8	8	9	7	7	6	9	10	8	7	6	6	7	6	4	5	4	5	5	5	5	5	5	6				
21	5	5	5	5	4	3	4	4	3	3	3	4	3	4	3	2	1	0	2	1	0	0	0	0	3				
22	0	0	0	0	0	1	0	0	2	1	0	0	1	1	1	0	3	3	1	0	3	2	3	2	1				
23	2	2	2	2	2	2	0	2	0	2	3	3	3	3	2	3	4	7	4	3	3	2	4	3	3				
24	1	3	3	2	2	2	2	2	0	2	0	2	2	3	3	0	3	2	3	5	3	3	4	3	2				
25	2	1	1	0	0	0	0	0	0	0	0	3	2	0	0	2	0	3	3	0	0	0	1	0	1				
26	1	0	0	0	0	2	2	0	0	0	0	2	2	1	6	8	7	10	6	4	2	2	3	3	3				
27	2	2	3	2	3	3	4	5	1	5	0	2	2	6	2	2	1	1	0	0	0	6	3	2	2				
28	2	2	2	3	4	8	7	6	5	2	2	4	4	3	4	3	2	6	6	7	7	4	3	4	4				
29	4	3	3	2	2	2	3	2	2	2	3	3	2	1	0	2	3	5	5	3	3	3	3	2	3				
30	2	1	2	0	1	0	1	2	0	0	0	0	0	0	2	4	0	2	3	2	0	1	1	0	1				
31	0	0	1	1	1	0	0	0	2	0	2	2	2	0	2	2	2	3	3	2	3	3	3	3	2				
MEAN	3	3	3	2	2	2	2	3	2	3	2	3	3	2	2	3	3	4	4	3	3	3	3	3	2.7				

PERCENTAGE OF DATA VALID - 93.0

PERCENTAGE OF DATA INVALID - 7.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -.- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK													MONTH - APR 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	4	4	3	4	4	7	5	-	-	3	3	2	4	5	5	6	8	6	5	5	4	3	4
2	5	6	7	7	7	8	5	4	0	0	1	2	2	2	2	3	3	4	3	1	1	1	1	2	3
3	2	2	2	2	2	2	5	6	2	0	0	0	-	0	0	1	2	1	0	0	0	5	2	2	2
4	1	1	1	1	1	2	3	2	3	3	3	3	3	3	4	2	0	2	4	0	0	0	0	0	2
5	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	3	2	0	3	3	3	2	1
6	2	3	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	0	0	1
7	0	0	0	0	1	0	4	3	0	3	3	3	3	4	5	5	5	6	4	3	4	4	3	3	3
8	3	2	3	2	3	3	4	2	3	3	3	3	3	3	2	3	4	5	2	1	2	2	2	-	3
9	0	0	0	1	2	2	0	6	1	5	4	3	2	2	3	2	1	4	4	2	3	3	2	2	3
10	1	3	1	1	1	0	2	2	0	2	2	2	2	2	3	5	2	4	4	2	2	0	4	3	2
11	3	2	2	2	2	2	2	3	1	3	***	3	4	3	3	4	3	2	6	6	4	4	3	5	3
12	5	6	4	3	4	5	4	3	0	3	5	6	6	5	5	6	5	5	5	2	2	1	1	1	1
13	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1	1	0	0
14	1	0	0	1	0	0	0	0	0	0	***	***	0	0	0	0	0	2	2	3	2	3	2	3	1
15	2	1	1	2	1	2	2	0	3	3	2	2	2	2	3	3	1	2	5	2	3	2	0	0	2
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	3	0	1	0	0	2	0
17	3	3	3	3	3	4	5	6	5	6	5	2	2	4	4	3	2	4	2	5	3	4	4	4	4
18	5	5	4	4	4	4	4	0	3	3	***	0	3	4	6	4	4	5	2	1	2	3	5	6	4
19	6	5	6	6	7	7	7	6	2	3	3	2	4	6	***	5	4	6	7	6	6	7	6	6	5
20	8	6	3	1	2	3	3	3	0	0	0	0	0	2	2	0	0	0	3	0	2	1	0	2	2
21	2	2	2	1	2	2	2	0	0	0	0	0	3	***	***	0	0	2	4	2	3	-	-	3	2
22	3	3	4	3	3	5	3	-	0	0	1	0	0	0	0	0	2	3	3	2	2	1	-	1	2
23	0	0	0	1	1	1	1	0	2	2	2	2	2	2	1	1	4	2	2	0	0	1	1	1	1
24	2	2	2	2	2	2	1	0	0	3	0	0	0	0	2	1	0	0	3	2	3	6	4	3	2
25	3	3	2	2	0	2	2	0	2	2	0	0	2	2	3	3	5	4	7	3	2	2	3	3	2
26	3	3	4	4	3	3	3	0	0	2	3	2	3	2	2	3	3	6	7	7	7	8	7	7	4
27	7	7	5	4	3	3	0	0	1	1	0	1	0	2	0	2	2	3	2	2	2	2	1	1	2
28	1	1	1	1	1	1	2	0	0	2	2	2	1	0	3	0	0	3	2	1	1	0	0	0	1
29	0	0	0	0	0	1	0	3	0	0	1	0	0	0	0	2	2	4	2	2	3	3	3	4	1
30	5	5	4	4	4	5	1	4	4	5	5	8	6	5	4	4	6	7	4	-	2	7	9	8	5
MEAN	3	3	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	3	4	2	2	3	3	3	2.3

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 1.0

PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK														MONTH - MAY 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	7	6	4	4	4	0	5	4	****	8	0	3	6	5	-	8	4	3	5	5	5	2	2	4
2	2	2	0	0	2	0	2	7	4	3	5	10	8	6	5	3	0	4	3	3	4	4	5	6	4
3	6	9	9	8	6	4	2	0	0	0	2	2	2	1	2	1	2	6	2	2	2	3	2	4	3
4	3	4	3	2	3	0	1	2	0	0	0	0	1	2	1	0	1	8	3	2	3	3	2	2	2
5	2	2	2	3	3	1	7	4	4	7	7	8	***	3	2	2	3	6	4	4	3	3	3	2	4
6	2	1	2	0	0	0	0	2	2	2	1	0	0	0	0	0	2	8	4	3	2	2	3	2	2
7	1	2	2	2	2	0	3	6	3	2	2	0	2	2	2	2	3	3	0	0	0	0	2	2	2
8	2	1	0	0	2	0	0	4	3	1	2	2	2	4	2	2	4	1	0	0	0	0	0	0	1
9	0	0	2	0	0	0	0	0	2	2	1	0	1	0	0	0	0	4	2	2	2	2	2	2	1
10	1	1	2	2	2	0	2	3	3	3	3	2	2	2	2	2	2	3	2	2	1	2	2	2	2
11	3	2	4	3	2	0	1	4	4	4	5	4	1	2	2	0	0	4	2	0	1	2	3	2	2
12	2	3	3	3	4	0	8	9	5	2	0	0	***	5	3	0	0	4	2	2	4	-	4	-	0
13	4	3	3	3	4	0	1	4	6	6	4	3	3	2	1	4	6	10	11	7	6	2	3	4	4
14	2	1	2	1	0	0	0	3	4	2	2	1	1	0	0	0	0	3	1	1	0	1	0	-	1
15	1	0	2	0	2	0	0	4	0	****	0	3	2	0	2	0	0	3	1	0	2	3	4	3	1
16	4	4	3	3	3	0	7	9	6	3	6	5	5	4	3	3	2	9	4	4	4	7	7	8	5
17	10	9	10	9	8	3	5	4	4	0	1	2	2	2	2	2	3	4	4	3	3	3	2	1	4
18	2	2	1	0	1	0	0	2	1	4	4	5	6	4	-	0	2	4	1	1	2	1	0	1	2
19	0	0	0	0	0	0	0	2	2	0	0	2	2	2	2	1	1	6	3	3	5	6	3	3	2
20	2	2	2	2	0	0	2	7	4	3	0	0	****	0	0	0	3	6	3	3	8	5	5	3	3
21	5	6	6	5	0	6	9	11	7	7	6	4	5	6	7	8	8	9	5	4	5	5	6	7	6
22	6	4	3	2	0	0	5	6	5	9	4	9	7	****	****	4	5	3	3	5	9	7	7	7	5
23	6	6	6	6	2	5	9	15	12	9	13	14	11	6	6	6	6	6	5	11	16	13	13	9	9
24	9	7	6	5	4	0	5	5	5	4	3	5	5	2	2	2	2	9	4	4	3	3	3	4	4
25	4	3	3	2	2	0	0	0	0	0	0	0	0	1	0	0	0	6	3	1	2	1	0	0	1
26	0	0	0	0	0	0	0	3	3	2	2	0	0	0	0	0	1	5	2	0	0	2	0	0	1
27	0	3	0	0	0	0	0	4	4	3	0	0	0	0	2	3	3	5	2	2	2	3	1	0	2
28	0	0	2	1	0	0	2	6	7	6	3	3	2	0	3	4	3	5	3	3	4	6	6	6	3
29	6	6	6	0	0	0	3	4	4	3	0	0	1	1	0	0	2	6	2	2	2	2	1	1	2
30	0	1	2	2	0	0	4	10	4	6	7	8	7	7	7	9	9	7	7	7	6	4	3	5	5
31	4	2	1	2	0	0	2	3	4	3	4	4	4	2	2	0	0	6	3	1	0	0	0	0	2
MEAN	3	3	3	2	2	1	3	5	4	3	3	3	3	3	2	2	3	5	3	3	3	4	3	3	3.0

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK														MONTH - JUN 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	2	0	0	1	0	2	3	2	3	3	4	2	1	1	0	0	0	0
2	0	0	0	0	0	2	4	6	4	6	9	11	8	0	0	9	7	2	1	0	5	6	5	5	4
3	2	2	0	2	3	0	3	5	5	4	0	0	0	0	0	0	2	4	1	0	0	0	0	0	1
4	0	0	0	0	1	0	0	0	2	2	0	0	0	0	1	0	0	5	2	2	2	4	5	4	1
5	3	2	2	2	3	0	3	5	5	3	0	0	1	2	3	4	4	7	5	4	3	4	6	4	3
6	3	2	1	2	2	0	0	5	2	3	7	8	5	2	3	5	5	5	3	3	3	3	3	2	3
7	2	2	2	1	2	0	0	3	3	0	0	2	0	2	2	2	3	6	4	3	2	2	3	3	2
8	4	4	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	4	1	0	0	0	2	1	1
9	2	2	3	2	2	0	2	7	5	3	0	0	0	1	0	1	0	2	0	0	0	1	2	2	0
10	2	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0
11	0	0	0	0	1	0	0	5	3	2	1	3	2	7	6	2	0	2	0	0	3	4	3	4	2
12	5	5	7	8	9	7	11	11	6	5	4	4	2	0	0	2	2	6	3	3	4	5	5	5	5
13	5	5	5	5	4	1	9	12	10	6	6	5	3	5	4	4	4	8	6	5	6	7	8	10	6
14	10	10	8	7	7	5	6	9	5	3	4	4	1	0	0	0	2	4	0	0	0	0	0	0	3
15	9	7	7	7	7	3	6	9	5	3	4	4	1	0	0	0	3	3	1	1	1	2	2	2	1
16	0	0	0	0	0	0	0	4	2	2	0	0	0	0	0	0	3	3	1	1	1	2	2	2	2
17	2	2	2	2	2	0	4	8	6	4	3	4	5	0	1	2	5	4	2	2	3	4	4	3	3
18	2	3	3	3	2	0	4	5	7	6	5	5	3	4	5	5	4	5	3	2	5	5	3	3	3
19	3	3	3	3	2	0	4	5	2	3	2	2	3	4	4	4	4	5	5	5	4	2	3	2	3
20	3	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	2	2	2	3	3	3	5	1
21	6	6	5	4	3	0	2	5	2	0	0	2	3	3	3	2	2	6	4	3	8	13	8	8	4
22	8	4	5	6	6	2	8	9	4	2	2	3	3	3	3	2	2	7	4	4	3	3	3	5	4
23	5	4	4	5	5	2	5	9	10	15	19	9	6	5	4	3	3	2	3	7	4	4	5	6	6
24	5	5	6	4	6	7	8	12	9	8	7	6	7	8	5	3	7	5	5	5	6	7	9	7	7
25	8	8	7	7	7	5	7	9	9	8	7	6	5	5	5	5	5	9	5	4	4	4	3	3	5
26	4	4	5	5	5	4	0	5	6	7	6	5	8	6	6	5	4	9	4	3	3	3	3	4	5
27	4	4	5	4	4	5	0	3	3	2	2	3	2	2	2	0	0	7	3	2	2	2	2	1	3
28	0	0	0	0	0	0	0	0	0	0	0	0	3	2	2	2	0	4	0	0	0	0	0	0	1
29	0	0	1	2	0	0	0	2	2	1	0	2	2	2	0	3	4	5	0	2	2	2	4	3	2
30	1	0	0	0	0	0	0	3	2	0	0	0	0	0	0	0	0	5	3	2	2	2	2	2	1
MEAN	3	3	3	3	3	2	3	5	4	3	3	4	3	2	3	2	3	5	3	2	3	3	3	4	3.1

PERCENTAGE OF DATA VALID - 98.6

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK														MONTH - JUL 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	2	2	0	0	3	2	0	2	3	3	2	2	0	2	2	2	2	9	5	5	4	4	3
2	3	4	4	4	4	3	4	1	2	2	2	2	2	2	2	2	0	0	2	7	3	2	2	1	3
3	2	2	2	3	0	0	4	4	8	10	3	2	3	6	6	5	5	5	7	11	8	7	6	5	5
4	5	5	6	8	4	0	4	4	4	3	3	4	4	7	6	6	7	6	5	13	7	6	10	10	6
5	9	9	8	7	7	4	6	6	2	3	5	5	5	4	3	2	2	0	0	6	3	2	0	0	4
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	4	7	3	3	1
7	4	4	4	4	0	3	6	8	10	7	4	3	3	2	3	3	3	2	1	9	5	3	3	3	4
8	2	3	3	3	4	0	5	8	5	6	5	3	2	3	2	2	2	0	0	7	3	3	4	3	3
9	3	3	2	2	4	0	4	6	2	3	2	4	4	4	7	8	7	8	10	6	7	9	9	5	5
10	9	9	11	9	10	6	11	11	8	****	17	10	9	7	7	6	6	6	6	10	7	8	9	7	9
11	6	8	7	7	8	7	3	2	3	****	6	0	1	2	2	2	2	0	2	7	3	2	3	2	4
12	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	1	8	4	3	3	1	3
13	0	2	0	1	1	0	0	0	0	0	0	0	0	2	2	2	2	1	3	7	7	3	3	2	2
14	5	3	5	5	5	0	7	8	7	6	7	5	5	4	3	3	3	2	2	9	6	5	5	5	5
15	5	4	5	5	5	5	3	6	10	7	6	6	5	6	5	7	6	5	7	9	7	7	5	5	6
16	6	6	5	7	6	6	0	4	3	4	3	6	5	4	3	3	4	6	7	6	11	14	6	4	4
17	7	7	6	7	8	5	0	1	3	3	3	2	2	3	3	2	2	2	3	8	4	4	2	2	3
18	3	4	3	3	3	2	3	2	9	10	****	3	6	5	3	2	2	7	1	3	5	0	1	6	1
19	3	4	2	6	6	6	0	3	4	3	5	6	5	4	6	5	6	3	4	12	7	6	6	3	5
20	9	8	9	9	6	4	2	4	3	3	5	4	5	6	6	7	6	5	6	14	10	9	6	5	6
21	3	2	1	2	1	2	6	9	1	3	****	3	4	4	3	3	2	1	2	4	3	4	4	3	3
22	3	2	1	1	2	3	2	7	9	5	5	4	5	4	4	3	3	2	3	7	9	-	-	-	4
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0	1	7	3	4	3	*****	
24	3	4	4	4	5	2	4	6	****	0	4	4	4	3	3	3	3	3	8	7	4	5	8	7	4
25	2	1	0	2	3	2	2	5	6	7	6	5	4	4	4	5	5	3	3	9	5	4	3	3	4
26	3	4	3	3	3	3	0	1	1	1	2	3	3	3	3	3	3	3	4	10	6	6	5	5	3
27	4	3	4	4	3	3	0	0	0	0	1	2	3	3	3	3	2	2	3	8	4	4	2	2	3
28	1	0	0	0	1	2	0	2	2	4	****	2	3	3	-	-	1	2	4	-	-	-	-	3	2
29	3	2	3	3	2	3	0	0	2	4	6	7	6	6	5	5	3	6	7	3	4	6	5	4	4
30	5	5	5	5	0	0	0	4	2	0	0	1	0	1	0	1	0	0	0	7	5	5	5	6	2
31	5	5	5	4	0	4	5	9	4	4	3	3	3	3	2	4	3	3	2	8	4	4	4	3	4
MEAN	4	4	4	4	3	3	3	4	4	3	4	3	4	4	3	3	3	2	4	8	5	5	5	4	3.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK													MONTH - AUG 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	3	4	4	6	3	8	10	****	6	5	3	2	3	3	1	2	2	8	7	3	4	5	4
2	4	2	2	1	3	4	0	4	4	5	2	2	3	3	3	2	2	2	2	7	3	2	2	2	3
3	2	3	2	3	2	3	1	0	0	0	0	2	2	2	3	2	3	3	3	7	2	2	2	3	2
4	2	2	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	8	3	3	1	0	1
5	0	2	2	2	0	2	0	3	4	8	6	6	4	****	4	5	5	4	12	21	6	5	3	3	5
6	2	2	3	2	3	4	0	4	4	4	5	2	2	2	2	2	2	****	****	9	6	5	5	6	3
7	5	6	6	6	5	5	3	10	7	7	6	5	4	4	5	5	4	-	3	8	3	4	3	4	5
8	4	5	5	4	4	3	3	4	5	6	3	7	5	6	5	5	3	2	4	7	3	3	3	3	4
9	2	1	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	7	2	1	1	1	1
10	1	1	1	1	****	2	0	0	0	0	0	0	0	0	0	0	0	0	4	6	2	2	2	2	1
11	****	3	3	3	3	4	0	2	3	0	0	0	3	****	****	0	****	0	4	4	2	1	0	2	2
12	4	1	0	0	3	3	1	4	5	2	0	2	2	2	0	0	0	0	1	6	2	2	2	2	2
13	2	2	4	3	3	3	3	2	0	0	5	2	3	3	4	3	2	3	7	8	5	3	5	8	3
14	6	4	4	3	4	4	1	2	4	5	7	5	4	5	4	3	2	1	3	6	5	6	5	2	4
15	2	2	3	5	5	3	3	0	0	3	1	0	0	0	0	0	0	0	0	7	3	2	1	1	2
16	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	4	3	3	2	1
17	3	2	2	2	2	0	1	2	0	0	0	0	0	0	0	0	0	0	2	6	2	1	0	0	1
18	0	1	1	0	0	1	0	2	2	3	****	6	3	3	3	3	3	2	2	8	5	5	5	5	3
19	5	6	3	5	6	4	****	****	9	5	2	2	1	****	0	2	3	4	4	13	10	7	8	9	5
20	7	5	6	4	5	4	8	2	3	3	6	1	2	3	2	2	2	2	2	10	4	3	3	3	4
21	4	3	-	****	3	0	0	3	2	3	3	3	3	2	2	2	3	3	3	10	4	4	3	4	3
22	3	3	3	3	3	3	0	2	3	2	3	3	3	3	4	3	3	3	9	5	3	5	5	3	3
23	5	5	5	4	4	3	0	0	0	1	0	1	2	2	1	3	3	2	7	8	5	2	5	7	3
24	2	3	3	2	1	0	0	0	2	0	0	0	0	0	0	0	1	1	0	8	6	5	5	6	2
25	7	8	8	8	9	4	11	15	15	13	8	10	****	****	4	4	4	4	11	6	6	7	4	4	8
26	5	4	5	5	5	3	1	-	9	8	5	5	7	6	6	6	5	5	9	9	7	7	6	7	6
27	8	7	7	7	7	6	5	7	9	7	4	4	5	7	5	4	6	8	12	11	9	4	4	3	7
28	3	0	1	0	0	0	0	0	0	2	0	1	4	2	1	1	0	0	0	7	3	2	2	0	1
29	2	2	2	1	2	0	4	4	2	3	1	2	2	2	2	3	2	2	2	7	3	2	2	2	2
30	2	3	3	3	3	2	0	4	4	5	4	2	2	3	3	3	4	4	3	10	7	5	5	5	4
31	6	6	6	5	6	4	0	3	2	2	3	3	3	3	4	5	4	4	3	9	5	5	3	3	4
MEAN	3	3	3	3	3	3	2	3	3	3	3	3	2	2	2	2	2	2	4	8	4	4	3	4	3.2

PERCENTAGE OF DATA VALID - 97.4

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COMS/1000 FT													
STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK												MONTH - SEP 80													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	3	2	2	0	0	0	5	3	0	2	2	2	3	4	4	5	6	11	6	5	3	3	3
2	2	4	4	3	2	0	0	8	11	7	9	12	10	***	5	2	2	8	6	4	5	8	5	5	5
3	4	3	3	2	0	0	7	5	4	2	2	1	2	5	5	4	4	9	7	6	11	9	9	9	5
4	9	9	9	9	9	8	14	9	4	3	4	3	4	***	5	3	3	9	7	-	11	10	7	5	7
5	4	3	3	4	5	5	3	5	5	5	6	3	2	1	2	2	3	6	3	3	4	5	5	7	4
6	7	6	6	6	1	3	9	5	2	0	0	0	1	1	0	0	2	5	3	4	5	12	10	9	4
7	10	4	3	2	0	0	1	0	0	0	0	1	2	2	0	0	2	6	3	4	4	3	3	3	2
8	4	3	4	4	0	3	8	10	9	6	9	3	4	3	3	2	3	7	4	3	4	5	5	5	5
9	5	5	5	5	2	7	10	13	9	7	7	7	6	6	5	2	3	4	2	0	1	0	0	0	5
10	0	0	0	0	0	1	3	0	2	0	0	0	0	0	2	1	2	5	2	2	3	4	3	3	1
11	3	3	3	2	0	1	6	7	6	1	0	1	1	1	2	0	3	2	0	3	4	6	3	0	2
12	0	2	2	1	0	0	2	4	3	2	0	0	3	3	2	2	2	4	2	2	2	3	2	2	2
13	0	0	0	0	0	0	0	2	2	1	1	1	1	1	2	2	2	5	3	3	4	3	3	3	2
14	3	3	3	3	0	2	6	6	4	5	2	0	0	0	0	0	1	6	2	1	1	0	0	0	2
15	0	0	0	0	0	0	3	-	3	3	3	3	0	0	0	2	3	5	2	3	4	3	4	5	2
16	4	4	5	6	6	4	4	4	4	3	2	0	3	***	0	3	3	8	5	5	4	3	3	3	4
17	3	3	3	3	3	1	3	3	4	4	3	0	2	2	2	0	0	4	2	1	4	4	3	3	3
18	3	3	3	3	2	0	6	11	6	4	4	4	4	3	4	2	1	3	3	3	5	6	5	3	4
19	3	4	4	4	3	4	0	9	11	6	2	0	0	1	1	3	8	7	5	6	6	5	4	4	4
20	3	4	4	4	5	0	6	6	6	6	5	5	5	3	2	2	2	7	3	3	4	4	2	2	4
21	2	2	2	2	2	0	0	0	0	2	2	2	2	2	3	3	6	6	3	4	4	2	2	1	2
22	0	0	0	0	0	0	0	4	****	****	****	****	****	****	-	-	-	-	-	-	-	-	-	-	*****
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	3	3	3	3	2	2	5	5	5	3	3	2	3	2	2	2	3	6	3	4	5	5	4	4	3.3

PERCENTAGE OF DATA VALID - 70.4

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 28.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 CONS/1000 FT

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.9	9	22
FEB	29	2.9	9	14
MAR	28	2.7	6	12
APR	30	2.3	5	11
MAY	31	3.0	9	19
JUN	30	3.1	8	19
JUL	30	3.9	9	17
AUG	31	3.2	8	21
SEP	21	3.3	7	14
YEAR	281	3.0	9	22

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 CONS/1000 FT

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	820	109	4	3	3	0	0	739
FEB	576	103	10	0	0	0	0	689
MAR	530	160	2	0	0	0	0	692
APR	607	96	1	0	0	0	0	704
MAY	565	155	10	2	0	0	0	732
JUN	509	191	9	1	0	0	0	710
JUL	454	250	9	1	0	0	0	714
AUG	537	178	9	0	1	0	0	725
SEP	371	126	10	0	0	0	0	507
YEAR	4769	1388	64	7	4	0	0	6212

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT						MAX	ARITH MEAN
				50	70	90	95	98	99		
94.5	0	0.0	1.1	2.1	3.4	5.9	7.3	9.0	10.4	22	3.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - C NO 34007 BATHURST/WILSON, NORTH YORK													MONTH - JAN 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	8	8	7	6	5	4	3	3	2	2	5	4	4	5	6	7	5	5	2	3	5	5	5	5
2	5	3	3	3	2	4	4	5	4	3	4	7	3	1	2	3	11	4	3	3	0	0	2	0	3
3	0	0	6	4	0	2	1	2	4	0	0	0	0	0	2	5	3	4	6	7	5	4	4	3	3
4	4	3	5	4	0	2	3	5	7	15	8	3	5	6	7	10	13	8	4	4	5	5	3	3	6
5	2	2	5	2	0	0	2	2	2	0	2	2	1	2	0	5	9	8	7	7	9	10	6	5	4
6	3	4	0	4	3	3	5	3	4	5	3	2	4	3	3	....	5	11	10	6	0	0	4	5	4
7	....	11	....	....	2	3	9	8	1	2	3	2	4	3	....	3	5	6	3	3	3	0	....	....	4
8	2	0	....	2	2	0	4	6	6	3	0	4	0	2	5	3	9	10	4	2	1	3	0	2	3
9	1	5	2	0	3	2	0	6	6	7	3	0	0	1	0	5	4	5	6	2	6	4	4	5	3
10	4	4	5	4	5	9	5	10	6	14	14	11	9	4	....	....	5	0	6	6	7	7	8	9	7
11	7	9	8	8	10	9	9	11	13	10	9	9	9	8	9	9	8	5	2	0	0	0	5	0	7
12	0	3	4	7	4	2	4	0	0	0	0	0	0	0	2	10	8	5	4	4	2	5	3	2	5
13	4	5	7	0	0	4	2	3	3	3	3	3	5	5	3	4	6	6	9	9	7	7	6	6	5
14	3	4	4	5	6	7	10	12	14	12	11	9	8	5	....	8	5	6	4	3	4	4	3	4	7
15	7	6	5	5	4	4	5	8	17	5	12	12	8	8	11	13	13	15	12	10	6	5	4	3	8
16	4	4	5	4	4	5	8	11	10	10	8	7	7	7	6	7	9	7	4	7	4	4	4	5	6
17	5	4	4	4	7	7	11	14	21	22	20	19	16	16	14	16	17	13	14	12	5	4	1	3	11
18	3	3	4	3	7	5	9	11	10	13	12	11	9	10	7	6	4	5	4	4	2	4	2	3	6
19	2	2	0	0	0	7	0	2	0	1	2	2	2	2	0	1	0	0	2	2	2	3	3	0	1
20	4	0	0	0	0	4	0	0	2	0	0	0	2	1	0	0	0	1	0	7	2	3	3	2	1
21	2	2	2	0	0	0	2	4	7	0	....	....	1	0	5	4	3	4	7	9	13	12	10	10	4
22	8	8	7	8	5	6	7	10	12	10	9	12	11	7	8	9	11	10	5	0	5	9	4	4	8
23	3	3	0	0	0	0	3	0	2	2	2	1	0	....	....	....	....	....	....	....	....	....	....	....	....
24	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
25	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
26	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
27	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
28	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	5	4	7	4	4	3	4	....
29	0	4	0	2	3	4	3	4	7	7	3	2	1	2	2	2	2	3	2	1	2	2	2	2	3
30	2	2	1	0	0	1	1	2	3	2	3	3	3	0	2	....	5	3	2	....	3	2	1	4	2
31	0	1	0	0	0	0	1	3	1	2	2	1	3	0	6	1	3	4	0	2	0	1	1	0	1
MEAN	3	4	4	3	3	4	4	6	6	6	5	5	4	4	5	6	7	6	5	5	4	4	3	4	4.5

PERCENTAGE OF DATA VALID - 81.6 PERCENTAGE OF DATA INVALID - 18.3 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ... INDICATES DATA IS UNAVAILABLE

3. INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - C NO 34007 BATHURST/WILSON, NORTH YORK													MONTH - FEB 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	2	3	2	2	2	4	0	0	1	2	3	4	2	2	0	1	0	1
2	0	2	3	2	0	0	2	3	5	2	0	0	2	4	0	4	0	0	1	2	....	9	0	2	2
3	2	2	2	3	3	2	0	0	1	2	2	2	1	3	2	2	2	4	1	2	5	0	0	1	2
4	0	3	2	0	1	0	2	2	2	....	5	2	2	2	....	0	3	3	2	3	2	2	1	1	2
5	3	2	1	3	3	4	5	11	3	3	2	3	2	2	2	....	-	-	3	5	4	3	4	4	3
6	2	2	2	3	3	3	4	6	8	7	....	7	6	7	....	4	7	6	6	5	3	3	3	2	5
7	2	3	2	2	3	4	2	4	5	4	4	3	3	2	2	0	1	2	0	2	2	3	4	2	3
8	2	5	0	2	2	3	4	7	10	2	2	2	2	2	0	2	0	2	2	2	1	3	1	3	2
9	0	5	0	2	3	3	3	4	3	3	2	2	2	2	1	0	0	2	2	2	4	2	2	2	2
10	5	0	1	3	2	2	1	3	2	2	2	2	2	1	0	2	3	1	2	3	3	4	3	3	2
11	4	4	5	3	4	6	8	8	8	10	8	5	7	4	5	2	6	8	8	6	3	4	6	0	6
12	2	3	2	2	2	5	7	9	7	4	....	3	2	2	2	3	2	2	2	....	....	....	....	....
13	5	4	5	5	5	5	7	8	10	13	6	7	8	3	5	6	6	6	5	6	5	6	5	6	6
14	3	4	4	5	5	5	8	9	10	8	5	3	2	2	2	2	0	1	3	5	5	6	8	6	5
15	4	5	5	5	6	6	9	14	11	14	10	11	13	10	10	....	....	....	....	31	7	6	4	9	
16	4	0	2	1	2	2	2	2	3	4	4	2	4	2	2	2	2	2	2	3	2	3	1	3	2
17	3	3	3	3	3	3	3	4	4	4	0	0	0	2	2	1	2	2	2	3	3	3	3	5	3
18	1	2	3	3	4	4	6	9	9	11	....	0	4	5	5	6	7	7	5	3	4	7	5	4	5
19	4	3	3	4	4	4	5	7	11	10	10	12	12	13	15	14	13	10	10	11	14	15	15	12	10
20	10	7	8	7	9	10	9	15	16	16	15	19	15	13	12	18	20	15	16	15	14	12	11	10	13
21	9	7	6	5	4	3	5	7	7	5	5	5	4	3	3	2	3	6	5	4	3	2	2	2	4
22	0	1	2	2	2	3	4	8	4	5	5	5	4	5	6	8	7	10	7	6	5	4	4	2	5
23	0	2	0	1	2	2	2	2	2	2	3	2	2	2	3	3	6	4	5	6	7	7	8	5	3
24	6	4	5	3	3	3	2	2	3	2	0	1	0	1	1	0	1	2	5	1	2	3	4	3	2
25	2	2	2	1	1	1	3	5	5	2	....	2	0	0	....	0	0	1	2	1	1	2	0	0	2
26	1	2	2	0	0	2	2	3	4	4	3	2	2	2	2	2	2	4	4	5	7	4	3	3	3
27	2	3	3	3	3	4	4	6	5	5	4	1	2	2	2	4	0	2	3	3	2	2	3	2	3
28	2	2	2	3	5	0	2	3	4	2	2	2	2	2	2	1	1	2	3	4	3	3	4	0	3
29	2	2	2	3	3	2	3	3	4	....	3	2	5	0	2	2	5	0	2	2	3	3	2	3	3
MEAN	3	3	3	3	3	3	4	6	6	6	4	4	4	4	3	3	4	4	4	5	4	4	4	3	3.9

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 2.0 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ... INDICATES DATA IS UNAVAILABLE

3. INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - C NO 34007 BATHURST/WILSON, NORTH YORK													MONTH - MAR 80												
HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	3	3	2	3	2	2	2	2	2	5	0	3	0	0	2	4	5	4	5	3	3
2	5	6	7	7	4	5	7	4	3	2	1	3	2	2	2	2	2	2	2	3	3	7	0	5	4
3	4	7	6	6	6	9	14	11	10	8	5	5	5	5	6	6	5	4	3	3	4	6	2	3	6
4	4	2	4	3	4	4	7	8	8	6	5	7	7	7	6	5	5	5	7	9	8	13	12	10	7
5	8	7	7	7	7	12	15	16	17	17	***	17	14	12	15	10	3	0	0	0	0	0	0	1	8
6	1	0	0	0	1	4	2	4	4	3	3	4	4	4	5	5	6	6	5	9	7	8	5	5	4
7	7	6	5	7	7	8	8	11	10	6	4	7	7	6	3	7	8	11	9	10	11	11	10	7	8
8	5	5	5	4	3	4	4	5	5	4	4	3	4	3	3	4	4	3	5	7	2	3	5	2	4
9	5	0	4	0	5	0	3	1	3	4	4	4	3	3	3	2	3	4	5	7	9	8	6	6	4
10	5	8	6	4	5	9	13	15	13	13	11	10	9	9	***	0	9	8	9	7	0	0	0	3	7
11	0	0	0	0	0	0	1	2	2	2	0	0	0	0	1	1	1	0	0	0	4	0	0	1	1
12	1	0	0	1	1	2	1	5	0	2	2	2	2	2	2	2	2	2	2	3	6	2	7	2	4
13	7	4	2	2	2	2	3	4	6	4	4	4	5	4	7	3	4	5	5	5	4	2	3	3	4
14	3	4	4	3	5	9	6	9	10	6	5	2	3	3	2	0	0	1	0	0	1	0	1	3	3
15	0	0	2	0	0	0	0	0	0	0	1	2	2	2	1	0	0	0	0	4	2	3	5	7	1
16	5	5	7	6	4	3	3	2	1	2	2	2	2	2	2	2	2	3	3	4	4	4	5	5	3
17	5	6	9	10	10	10	18	22	18	12	12	11	8	9	11	10	14	11	10	9	5	0	0	0	2
18	0	0	0	0	0	0	0	0	2	1	2	0	1	0	0	0	3	2	2	3	6	7	6	5	2
19	7	7	14	14	15	18	13	12	12	12	12	12	8	5	7	7	7	7	8	8	10	10	10	12	10
20	12	10	11	9	11	13	14	16	16	15	14	12	10	9	8	8	9	10	11	11	10	7	8	9	11
21	8	6	7	8	6	5	6	8	10	11	11	9	11	7	2	3	2	0	0	0	1	4	0	0	5
22	2	1	1	4	0	0	3	***	***	0	5	2	2	2	2	1	2	2	5	0	2	3	2	2	2
23	2	5	0	2	4	0	2	2	2	3	4	3	5	5	5	4	3	5	5	7	6	7	7	6	4
24	7	5	4	5	5	5	7	9	11	8	***	0	7	7	8	8	7	6	3	4	4	3	3	3	8
25	2	2	2	0	0	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2
26	2	5	0	0	1	0	5	1	3	3	3	3	3	1	1	0	3	3	2	3	2	3	3	3	2
27	3	3	3	2	2	3	11	9	9	13	9	9	8	7	7	7	7	8	6	5	5	6	4	4	6
28	5	6	5	4	3	4	4	5	5	5	4	4	5	6	9	10	10	8	5	5	3	3	3	3	6
29	3	3	3	2	3	3	4	5	4	5	4	4	4	4	4	4	3	3	4	3	4	3	3	2	4
30	2	2	1	1	0	0	1	1	2	3	3	3	2	2	2	2	1	1	1	3	3	0	5	3	2
31	2	2	2	2	2	2	3	4	5	6	***	***	5	5	5	5	5	5	6	5	7	8	7	5	4
MEAN	4	4	4	4	4	4	6	7	7	6	5	5	5	5	4	4	4	4	4	5	4	5	4	4	4.6

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT																							
STATION - C NO 34007 BATHURST/WILSON, NORTH YORK													MONTH - APR 80																							
HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN											
1	7	3	4	3	3	4	7	7	11	-	-	9	8	7	9	10	9	9	8	8	6	8	6	9	7											
2	8	9	10	11	10	7	7	7	3	4	3	4	2	2	2	2	2	2	1	0	0	0	0	2	4											
3	0	1	2	3	4	4	6	10	12	10	8	7	-	6	6	7	***	6	5	3	3	2	2	2	5											
4	2	2	2	2	2	4	5	5	5	5	7	6	3	4	3	2	0	0	0	0	0	0	0	0	2											
5	0	0	0	0	0	1	1	2	2	2	2	2	2	1	0	0	0	0	1	0	1	3	4	3	1											
6	3	3	2	2	2	2	3	3	2	2	2	2	2	2	1	2	0	0	0	0	2	2	2	2	2											
7	2	2	2	2	3	6	9	12	13	13	10	10	8	7	9	12	11	11	9	8	6	7	8	6	8											
8	5	6	10	7	8	11	13	13	12	11	11	9	7	7	8	11	9	8	6	5	6	5	8	7	9											
9	4	3	3	6	8	26	14	16	18	16	13	10	7	7	7	9	9	11	10	9	9	8	6	7	10											
10	5	5	0	0	3	3	6	11	12	10	9	9	7	8	9	10	7	7	5	5	5	5	3	3	6											
11	2	2	2	1	3	3	4	4	5	5	5	5	1	0	0	7	5	4	4	5	6	5	5	7	4											
12	8	11	8	6	5	6	6	6	8	8	11	10	9	9	9	10	10	1	1	0	0	0	0	1	6											
13	1	0	0	0	0	0	0	0	1	2	0	2	1	0	1	0	0	0	0	0	0	2	2	3	1											
14	2	2	3	2	2	3	3	5	5	7	6	4	4	4	***	5	4	3	6	5	7	8	5	5	4											
15	2	2	2	2	2	3	6	8	8	5	5	6	5	5	6	7	9	8	5	6	5	2	0	0	5											
16	0	0	0	0	0	0	0	1	3	2	3	2	2	2	0	2	0	0	0	2	0	2	2	2	1											
17	3	3	3	5	5	7	7	7	9	9	10	10	10	8	8	3	2	3	3	4	6	5	4	5	6											
18	4	5	5	3	3	4	6	6	5	5	4	2	0	1	7	10	4	0	1	3	2	1	3	6	4											
19	7	3	6	7	10	11	8	9	11	8	6	6	6	6	4	6	6	8	9	8	9	12	8	8	8											
20	8	6	2	1	3	3	4	3	2	0	0	0	1	1	2	0	0	0	1	1	0	0	0	0	2											
21	2	1	2	14	3	2	3	3	4	2	***	2	2	2	0	0	0	0	1	1	2	-	-	3	2											
22	4	3	2	5	8	10	11	8	8	8	7	6	7	6	6	7	5	4	3	5	5	4	-	3	6											
23	1	1	2	3	3	7	9	8	7	8	8	5	6	8	9	3	1	0	0	0	0	0	1	2	4											
24	1	2	1	3	1	3	3	3	3	4	3	3	1	1	5	8	7	6	4	5	4	3	3	2	3											
25	4	4	2	2	2	2	3	3	6	5	3	2	2	2	6	10	10	9	1	0	1	3	2	4	4											
26	3	7	6	4	4	4	2	2	3	3	0	2	3	6	6	5	5	5	5	5	7	6	4	2	4											
27	3	3	3	3	3	2	3	2	3	3	2	1	2	2	3	2	3	3	3	4	3	3	3	2	3											
28	2	2	2	3	3	5	6	7	7	***	***	***	6	5	5	4	5	3	2	3	2	2	2	2	4											
29	1	1	2	2	2	4	9	12	11	6	5	6	7	6	7	6	7	6	5	7	6	6	5	8	6											
30	8	6	7	6	6	5	4	4	3	3	10	10	9	3	12	14	10	9	7	-	0	7	7	8	7											
MEAN	3	3	3	4	4	5	6	6	7	6	6	5	5	4	5	6	5	4	4	4	4	4	3	4	4.5											
PERCENTAGE OF DATA VALID - 98.1													PERCENTAGE OF DATA INVALID - 0.8												PERCENTAGE OF DATA UNAVAILABLE - 1.1											

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - C NO 34007 BATHURST/WILSON, NORTH YORK													MONTH - MAY 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	3	4	5	6	5	6	3	3	2	2	2	0	9	-	11	0	5	6	4	3	2	2	4
2	1	0	2	0	3	6	9	3	2	4	3	3	10	10	10	8	3	2	4	5	4	4	6	4	4
3	4	5	3	3	3	4	2	2	3	3	1	2	2	2	1	1	0	1	1	0	2	2	2	1	2
4	2	2	3	2	2	2	0	0	1	0	1	0	2	2	2	2	2	0	1	2	3	3	2	2	4
5	2	2	3	4	3	5	5	5	6	2	***	12	4	3	3	2	3	2	3	3	3	2	2	1	4
6	2	3	2	1	0	2	2	4	3	0	2	1	2	1	0	2	7	6	5	5	5	3	2	3	3
7	3	3	4	4	6	11	10	3	3	2	1	2	1	3	3	3	2	0	0	0	0	0	0	0	1
8	0	1	0	0	3	6	5	4	2	3	2	0	2	0	2	2	0	0	2	0	0	0	0	0	1
9	0	0	0	0	0	0	2	3	2	2	0	1	1	0	0	1	0	2	1	2	2	3	3	2	3
10	3	2	2	2	3	4	5	5	3	2	5	4	2	3	2	3	3	4	5	4	3	3	3	3	3
11	3	3	4	3	2	3	3	2	2	3	3	3	3	3	2	0	0	0	1	2	3	2	4	4	2
12	2	3	4	6	8	9	16	13	9	***	6	7	6	6	7	10	10	7	7	2	4	3	2	2	6
13	6	4	7	5	8	13	14	10	8	8	4	4	8	6	3	4	4	4	2	2	2	5	5	5	3
14	2	2	0	0	0	1	3	4	4	0	0	1	2	1	2	0	0	1	2	0	0	1	2	3	1
15	1	1	0	1	1	2	3	4	1	0	0	1	0	***	0	2	1	0	2	0	1	2	3	3	1
16	3	3	4	3	4	8	11	9	3	1	1	2	9	8	7	7	6	6	6	6	8	9	9	10	6
17	7	6	3	3	3	7	6	4	3	3	3	3	3	2	2	3	2	3	5	5	3	3	3	1	4
18	2	0	0	0	0	1	2	1	3	3	5	1	4	3	-	0	0	0	0	0	0	0	0	0	1
19	1	0	0	0	0	0	0	0	1	2	0	2	3	3	3	3	3	3	3	4	4	2	3	3	2
20	2	2	1	0	3	8	9	11	9	8	1	7	7	7	8	7	6	5	5	7	8	7	7	7	6
21	5	4	5	3	2	3	3	5	6	9	4	3	9	12	12	11	11	7	8	10	11	10	9	8	7
22	5	2	2	2	4	5	8	7	5	4	3	3	3	2	2	3	2	2	3	3	4	4	8	8	4
23	9	5	7	6	11	9	14	17	12	13	7	8	11	14	10	12	12	11	11	11	11	10	6	3	10
24	4	4	6	5	3	3	4	6	7	5	4	3	3	2	2	2	3	2	4	3	2	2	3	3	4
25	3	3	2	2	2	1	0	2	2	2	1	0	0	0	0	0	0	0	0	0	1	1	0	0	1
26	0	0	0	0	0	1	0	0	2	0	0	1	1	1	2	0	1	0	0	2	2	2	2	1	1
27	0	0	0	0	0	1	2	1	2	2	2	2	0	1	2	2	2	2	2	2	2	5	6	8	6
28	0	1	2	2	2	1	3	4	6	8	5	6	9	10	10	10	8	7	7	7	4	3	3	7	7
29	10	9	10	8	11	13	10	10	8	6	7	6	6	7	5	6	6	5	4	4	5	4	4	4	9
30	2	3	3	4	5	6	15	16	16	13	13	14	12	12	12	11	11	9	7	8	7	7	4	4	9
31	2	3	1	2	2	5	5	5	6	5	4	4	3	2	2	0	0	0	0	0	0	0	0	0	2
MEAN	3	3	3	2	3	5	6	5	5	4	3	3	4	4	4	4	4	3	3	3	4	3	3	3	3.7

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COMS/1000 FT													
STATION - C NO 34007 BATHURST/WILSON, NORTH YORK												MONTH - JUN 80													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	3	4	3	3	3	3	2	2	2	1
2	2	2	3	3	4	10	11	14	15	***	***	13	10	6	8	10	3	2	1	2	2	1	3	2	6
3	2	2	1	2	1	2	2	2	1	0	2	1	0	0	0	0	2	0	0	1	3	2	3	2	1
4	1	3	3	1	0	2	3	4	7	3	3	2	6	7	7	8	7	7	7	6	6	8	5	5	8
5	2	0	2	2	0	2	3	4	7	3	3	2	6	7	7	8	7	7	6	6	8	5	5	8	8
6	6	5	3	5	5	9	11	13	14	16	13	14	13	12	11	12	10	8	4	5	3	3	3	2	8
7	2	3	1	2	2	2	3	2	3	6	5	4	3	3	3	5	4	5	4	4	5	2	3	4	3
8	4	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
9	3	2	2	4	5	10	13	9	6	***	***	1	0	0	0	0	0	0	2	0	0	2	2	0	3
10	1	0	0	0	0	2	3	3	3	2	2	0	0	0	0	0	0	0	1	0	0	0	0	0	1
11	0	0	0	0	0	2	4	3	1	1	0	7	***	0	0	2	1	1	1	2	3	1	5	10	2
12	13	11	11	8	8	10	12	15	13	11	10	9	11	8	7	7	7	6	6	6	7	7	9	8	9
13	8	9	9	8	11	13	12	14	12	14	11	9	7	10	9	8	9	9	6	9	10	9	10	10	10
14	11	11	14	9	8	10	12	***	***	***	8	8	7	6	6	4	5	5	8	8	6	5	5	8	10
15	6	6	6	7	7	8	5	7	6	6	5	4	2	0	0	0	0	0	0	1	0	0	0	0	3
16	0	0	0	0	0	0	3	2	0	***	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0
17	0	3	3	3	3	5	6	10	9	7	9	8	9	6	7	8	7	5	4	5	7	5	3	3	6
18	3	3	4	5	7	12	8	10	12	8	8	5	4	4	5	6	5	4	3	2	2	2	2	2	5
19	4	4	2	3	6	15	17	13	12	10	9	7	10	9	9	9	10	9	8	8	2	1	1	4	8
20	5	3	0	0	0	1	0	0	0	0	0	0	0	0	2	1	0	1	2	2	7	6	6	5	2
21	4	3	3	3	3	2	2	2	2	0	0	1	0	0	0	0	0	1	0	1	3	3	5	7	2
22	13	8	6	4	5	5	4	3	4	5	4	4	4	3	3	3	3	3	3	5	6	8	7	17	5
23	9	10	9	8	13	16	15	15	12	14	12	13	***	12	11	10	9	8	8	8	10	9	7	7	11
24	7	7	6	8	14	16	19	19	18	15	11	9	14	14	15	13	-	11	11	10	8	13	14	11	12
25	7	6	5	7	12	10	8	8	8	14	17	14	13	14	14	13	12	8	10	8	5	5	8	10	7
26	7	7	7	9	8	11	10	14	11	13	10	8	7	6	5	3	2	2	7	6	8	8	6	4	3
27	6	7	5	5	5	4	6	6	4	3	2	2	3	2	2	1	0	0	0	0	1	1	1	0	3
28	1	2	2	2	2	2	3	2	3	2	2	2	2	2	2	2	1	2	2	2	3	2	2	2	3
29	3	2	2	2	2	3	3	2	3	3	3	3	2	3	3	3	3	1	2	2	4	5	3	0	3
30	0	0	0	0	0	0	1	1	2	0	2	1	1	0	2	2	2	0	0	0	1	0	0	1	1
MEAN	4	4	4	4	4	6	7	7	6	6	5	5	5	4	4	4	4	3	3	4	4	4	4	4	4.6

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 1.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - C NO 34007 BATHURST/WILSON, NORTH YORK													MONTH - JUL 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	1	2	2	1	2	4	5	3	5	4	5	3	4	5	5	3	3	3	6	6	5	5	3
2	5	6	6	6	7	7	4	3	2	2	2	2	2	2	2	2	1	0	0	1	1	1	1	0	3
3	2	3	3	3	2	2	3	5	5	4	5	4	5	7	10	10	10	8	2	2	2	4	5	5	5
4	5	4	3	5	10	7	5	6	3	3	4	4	4	4	6	11	11	10	8	8	7	8	9	7	6
5	8	8	8	7	8	9	9	7	6	7	6	7	5	4	2	2	0	0	0	0	0	0	0	0	4
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0
7	0	0	4	2	3	5	6	10	15	***	20	9	10	10	7	7	9	6	5	5	6	4	4	7	7
8	5	5	6	5	7	12	13	13	13	6	4	3	3	3	***	0	0	1	2	2	3	3	2	1	5
9	2	3	4	3	4	5	3	4	15	11	11	7	7	10	4	9	7	8	7	10	13	12	10	8	7
10	9	8	14	13	13	9	7	6	7	6	4	9	11	12	11	12	12	11	10	11	11	9	6	7	10
11	7	7	6	10	5	5	5	5	6	5	2	3	2	2	3	3	2	0	0	2	1	2	0	0	3
12	0	0	1	3	3	2	2	2	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	2
13	0	1	0	1	1	1	0	1	1	0	0	0	0	0	0	2	2	1	0	0	2	1	3	3	1
14	0	2	0	0	0	0	0	0	0	0	0	0	0	0	5	0	4	0	0	2	3	2	5	5	1
15	5	4	8	5	6	10	12	16	24	10	4	16	10	14	14	22	12	12	8	12	12	16	14	12	12
16	8	12	8	12	14	16	28	28	14	18	26	20	20	24	16	8	7	0	4	4	6	0	2	4	12
17	8	8	8	10	3	4	3	3	3	2	2	2	2	2	2	2	2	2	0	0	1	1	2	1	3
18	1	0	0	0	0	3	3	4	12	12	11	9	8	9	***	7	2	8	7	6	6	5	5	5	5
19	4	5	5	3	4	5	7	6	7	6	6	5	5	5	6	5	4	3	3	3	4	3	4	4	5
20	4	4	4	5	4	4	4	5	5	5	5	5	5	5	6	5	3	3	4	4	8	10	8	6	5
21	2	3	0	5	6	8	14	9	3	3	0	3	7	7	3	3	2	1	2	2	2	3	2	2	4
22	1	1	1	3	3	3	12	16	16	12	7	***	4	11	11	10	9	9	7	4	4	2	1	1	6
23	0	0	0	0	0	0	2	2	0	0	3	3	5	5	2	2	2	0	0	0	0	1	2	3	1
24	3	4	3	3	3	5	7	7	5	3	2	1	4	4	8	9	8	6	6	8	8	8	7	5	5
25	3	3	2	2	3	9	10	7	9	11	12	7	4	5	3	3	3	3	2	2	3	3	3	3	5
26	3	4	4	6	5	6	8	6	6	5	4	5	5	5	6	7	7	6	8	11	7	9	7	8	6
27	7	5	4	4	3	3	2	3	4	4	3	4	4	4	4	4	4	4	4	5	5	6	5	4	4
28	3	3	3	5	5	10	13	14	13	12	10	9	9	9	9	2	4	3	7	6	-	-	-	8	8
29	6	7	4	0	2	2	5	3	3	3	7	***	***	10	2	4	5	5	7	7	7	5	4	4	5
30	9	8	5	3	2	3	3	3	2	2	2	1	0	2	1	2	2	0	0	1	2	2	2	4	3
31	3	3	2	5	4	12	20	16	11	10	9	8	8	10	10	10	9	7	6	7	7	5	7	6	8
MEAN	4	4	4	4	4	5	7	7	7	6	6	5	5	5	5	6	5	4	4	4	5	5	4	4	4.9

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - C NO 34007 BATHURST/WILSON, NORTH YORK													MONTH - AUG 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	5	5	4	4	6	11	20	8	6	5	4	4	3	3	3	2	2	3	5	3	3	3	5
2	3	2	2	3	2	2	4	3	5	5	4	3	5	4	3	3	2	2	0	0	1	2	2	1	3
3	2	2	2	3	2	2	2	3	3	2	2	1	2	2	2	3	3	3	0	0	0	0	0	1	2
4	3	1	0	0	2	2	2	3	2	1	2	1	3	2	2	2	2	3	3	3	4	5	5	4	2
5	4	4	4	5	6	12	16	18	18	16	14	16	11	10	10	12	12	6	6	6	9	6	6	10	4
6	4	5	6	4	4	6	8	5	4	4	4	3	***	1	1	3	2	***	***	3	3	5	8	6	4
7	4	7	7	8	11	18	19	19	16	13	13	11	9	8	11	13	7	-	0	1	2	2	3	2	9
8	2	6	6	11	14	16	18	11	7	7	5	5	4	7	12	9	3	2	2	2	2	2	2	7	7
9	1	0	0	0	0	1	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	***	2	0	2	2	1	2	0	2	2	1	2	2	2	3	3	3	4	4	3	2
11	2	2	1	0	2	12	5	15	13	9	3	7	8	9	7	7	***	6	4	4	5	5	4	3	5
12	3	2	2	3	2	3	6	5	4	2	1	1	1	1	2	1	1	0	0	1	2	2	1	1	2
13	2	2	2	2	2	3	5	7	5	2	2	2	2	8	8	9	8	8	8	9	7	4	6	9	5
14	9	10	8	6	9	14	16	15	6	5	9	6	7	5	4	2	2	2	2	2	3	4	4	1	6
15	0	2	2	2	0	1	3	3	2	2	2	2	0	1	2	0	0	0	0	0	2	2	1	2	1
16	0	3	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
17	4	2	1	2	1	2	1	2	3	2	2	2	2	1	1	2	1	2	2	3	2	4	3	2	2
18	2	3	4	4	5	10	11	17	15	15	***	12	12	14	15	13	12	9	7	9	8	9	8	7	10
19	5	4	5	10	6	6	***	***	9	4	3	3	2	2	0	2	1	7	8	5	3	2	6	4	4
20	3	3	3	2	1	13	16	13	13	12	13	11	9	***	9	9	9	6	6	6	6	7	7	7	8
21	6	6	-	***	7	11	12	11	11	11	10	8	9	9	8	7	8	7	5	5	5	6	6	7	8
22	6	5	5	6	6	11	14	16	12	12	11	10	11	11	12	11	11	8	7	8	7	4	5	4	9
23	4	4	5	3	3	2	2	3	3	3	2	2	2	2	0	1	0	1	0	1	0	2	0	2	2
24	0	1	1	2	0	2	2	2	1	2	3	2	2	2	2	2	2	3	3	4	5	7	5	7	3
25	9	9	8	7	7	18	18	22	10	2	4	4	14	10	9	11	11	9	10	8	8	10	9	10	10
26	6	4	7	6	7	6	14	-	11	10	6	7	7	7	9	13	12	10	13	9	6	6	5	3	8
27	10	7	9	9	11	11	11	9	9	5	5	5	8	5	7	9	9	8	5	6	5	3	3	7	7
28	3	5	3	4	5	7	8	9	11	11	10	11	10	10	10	10	9	8	7	6	6	6	7	8	8
29	9	6	5	7	10	14	16	16	5	11	11	12	10	10	11	11	10	8	6	6	6	7	5	9	9
30	6	5	6	6	5	4	8	8	8	10	5	3	3	4	4	5	6	6	7	7	6	5	7	6	6
31	5	5	5	4	4	4	4	3	4	4	3	3	2	2	3	3	3	5	6	4	4	4	4	4	4
MEAN	4	4	4	4	5	7	8	9	8	6	5	5	5	5	5	6	5	5	4	4	4	4	4	4	5.2

PERCENTAGE OF DATA VALID - 98.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - C NO 34007 BATHURST/WILSON, NORTH YORK													MONTH - SEP 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	2	1	2	3	3	3	3	2	3	4	3	4	5	4	5	3	2	5	0	11	4	4	3
2	5	4	3	4	8	7	8	18	16	11	13	15	8	8	3	1	3	0	2	3	2	2	2	3	6
3	4	3	1	2	2	4	7	7	4	2	2	2	3	2	0	10	13	10	10	13	13	12	10	12	6
4	12	11	14	17	19	20	23	22	19	15	13	12	13	13	14	15	14	10	12	-	10	12	8	5	14
5	5	4	4	11	10	6	5	6	9	9	6	4	2	2	2	1	2	0	2	3	4	3	7	7	5
6	6	3	3	3	4	4	4	5	3	2	2	1	0	0	0	0	0	0	0	0	2	2	2	3	2
7	2	3	1	1	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
8	.....	.....	.....	.....	.....	.....	6	8	8	9	14	11	13	14	13	13	10	9	9	11	9	10	12	10	11
9	10	9	9	12	15	18	20	25	19	16	18	17	12	9	6	3	2	0	0	1	0	2	0	0	9
10	0	0	0	0	3	3	3	5	2	4	2	0	0	1	1	0	0	0	2	2	3	4	3	4	2
11	2	2	0	3	8	13	13	5	4	3	3	2	2	2	2	2	2	2	2	2	3	2	3	3	4
12	2	2	2	3	4	9	12	11	8	10	8	9	10	10	10	10	7	7	6	5	5	5	5	5	7
13	2	2	1	2	1	2	3	4	4	4	3	4	4	4	3	5	5	4	5	5	5	4	4	4	4
14	4	4	5	5	7	6	5	6	7	5	2	2	1	0	0	2	2	2	2	1	1	0	0	0	3
15	0	0	0	0	0	0	3	-	1	2	3	2	2	10	8	10	8	8	8	9	10	12	10	8	5
16	6	8	9	14	16	18	12	12	12	11	11	9	13	11	10	11	10	9	10	13	11	10	8	6	11
17	4	5	5	5	7	12	11	10	11	.....	2	1	0	1	0	2	0	2	1	0	0	1	2	5	4
18	4	2	2	1	3	4	7	13	15	13	9	8	12	11	12	9	10	8	11	10	12	11	8	6	8
19	5	8	7	6	7	5	9	8	5	3	2	2	2	2	3	10	14	14	12	10	9	7	7	5	7
20	6	7	7	8	9	10	11	11	10	8	5	6	5	4	4	3	3	2	3	3	3	3	3	2	6
21	2	3	2	2	4	2	3	3	2	3	3	4	5	5	5	4	7	4	4	3	4	2	0	0	3
22	0	0	0	0	0	2	8	5	5	5	12	12	10	11	15	11	14	12	9	0	6	6	5	6	6
23	2	0	0	0	0	0	3	4	2	.....	.....	0	1	0	0	1	1	0	0	0	0	0	0	0	1
24	0	0	0	0	1	6	12	15	12	9	8	8	8	8	7	9	8	7	8	8	7	10	7	7	7
25	6	6	3	2	4	4	8	11	12	12	16	13	15	15	14	13	19	13	10	10	8	10	8	9	10
26	9	2	3	2	0	0	1	1	0	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0	1
27	0	0	0	0	1	-	4	4	5	5	4	4	0	1	3	2	0	2	2	3	2	3	2	3	2
28	3	2	1	2	0	0	1	2	3	2	0	0	0	0	0	0	1	1	2	3	3	3	2	1	1
29	2	2	2	3	6	10	15	18	15	10	14	8	8	9	10	12	14	15	11	12	11	13	15	14	10
30	16	17	17	21	15	22	24	19	16	18	18	14	16	14	14	-	12	12	11	10	13	13	10	12	15
MEAN	4	4	4	4	5	7	8	9	8	7	7	6	6	6	6	6	6	5	5	5	5	6	5	5	5.8

PERCENTAGE OF DATA VALID - 97.1 PERCENTAGE OF DATA INVALID - 2.4 PERCENTAGE OF DATA UNAVAILABLE - 0.6

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - C NO 34007 BATHURST/WILSON, NORTH YORK														MONTH - OCT 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	17	17	13	12	17	21	23	21	17	14	12	11	10	10	11	10	9	9	9	8	8	7	6	13
2	2	0	2	2	2	11	6	6	8	6	3	2	1	3	3	-	....	2	4	3	0	2	2	3	3
3	....	15	6	9	10	11	20	16	12	4	12	9	7	6	9	12	15	14	9	11	7	8	5	3	10
4	3	5	7	9	7	7	5	4	5	4	3	3	0	0	3	1	0	0	0	0	1	0	0	0	3
5	0	0	0	0	0	0	3	2	2	4	2	2	2	0	0	0	0	0	1	2	3	2	2	3	1
6	2	2	2	2	2	3	8	12	9	6	6	9	10	9	9	8	9	-	3	5	3	6	6	8	6
7	9	8	10	14	14	15	16	17	10	7	7	5	5	9	14	14	11	11	11	12	8	7	11	13	11
8	10	9	14	13	11	14	18	12	10	-	-	5	7	....	0	3	2	0	2	1	2	0	0	0	6
9	0	0	0	0	2	2	9	9	4	3	3	2	0	0	2	0	2	0	0	0	2	4	5	7	2
10	7	5	3	4	12	11	19	26	17	....	9	9	8	8	10	10	11	10	8	9	11	9	11	9	10
11	9	6	4	4	5	11	8	9	8	7	6	5	4	0	2	5	2	0	0	2	3	2	2	2	4
12	1	2	0	0	0	0	0	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	2	0	1
13	6	3	3	0	0	1	1	2	2	2	1	0	0	1	0	0	0	0	0	0	0	0	2	0	1
14	0	1	2	3	4	8	13	14	6	5	4	3	3	13	21	13	11	12	11	6	5	2	3	4	7
15	4	3	5	6	5	12	12	15	15	....	15	11	11	14	13	13	10	8	8	7	10	5	5	6	9
16	8	7	8	7	8	4	6	8	16	19	9	16	16	18	15	17	15	13	13	11	11	12	10	8	11
17	7	7	6	7	10	16	19	22	24	....	16	14	12	13	15	18	14	9	8	9	8	5	6	4	12
18	2	1	2	2	3	4	5	1	2	2	2	1	1	1	0	1	2	2	3	2	2	1	2	2	3
19	4	2	1	0	3	1	2	2	0	1	0	0	0	2	0	2	3	2	3	3	4	3	2	0	2
20	1	2	1	0	0	3	5	5	4	0	....	5	2	3	7	5	3	3	3	3	5	3	2	4	3
21	4	4	3	4	6	7	13	15	12	7	7	3	3	3	2	1	0	0	0	0	0	2	1	1	4
22	0	0	0	2	0	2	3	5	3	3	2	3	1	2	0	2	0	1	2	2	2	0	0	0	2
23	0	2	1	0	1	2	5	9	15	12	11	9	9	9	10	9	9	8	10	10	13	5	2	7	
24	3	2	2	2	3	6	10	10	10	8	7	9	9	8	8	7	6	6	5	4	5	4	4	6	6
25	4	4	3	4	4	4	5	5	4	4	-	3	5	4	3	3	2	0	0	1	0	0	0	0	3
26	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
27	0	0	0	0	0	1	2	4	5	4	-	5	2	3	3	4	3	4	4	5	6	4	4	7	3
28	6	5	3	4	4	4	5	6	3	4	3	2	2	1	2	1	2	1	2	2	1	1	3	2	3
29	3	1	1	0	0	0	2	3	5	3	2	2	2	2	2	2	3	4	3	5	2	3	3	1	2
30	1	2	2	3	4	5	7	10	8	7	5	6	4	5	8	6	8	8	6	3	4	4	4	3	5
31	3	3	3	3	3	4	5	8	9	8	7	4	4	3	3	3	3	3	6	4	3	3	0	0	4
MEAN	4	4	4	4	4	6	8	9	8	6	6	5	5	5	6	6	5	4	4	4	4	4	4	3	5.0

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.8

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - C NO 34007 BATHURST/WILSON, NORTH YORK													MONTH - NOV 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	2	3	2	2	2	0	0	0	0	0	0	0	0	0	0	2	2	1
2	2	2	0	1	1	4	3	2	3	2	2	2	0	0	0	0	0	3	5	10	16	16	15	13	4
3	12	11	9	-	7	7	9	11	12	13	11	12	10	15	12	18	15	12	12	8	8	7	5	11	4
4	6	4	4	3	4	6	9	5	3	3	3	4	4	3	7	5	6	4	4	3	3	2	2	2	4
5	2	0	0	3	1	0	2	4	4	3	2	2	2	2	2	1	0	2	0	2	4	3	3	3	2
6	4	4	3	3	5	6	8	12	10	10	10	7	6	5	5	6	7	5	4	4	4	6	6	6	6
7	6	4	5	5	5	6	9	14	23	13	12	-	9	16	18	16	19	15	13	9	3	2	0	0	10
8	0	0	0	0	0	0	0	0	2	2	3	2	3	3	4	4	5	5	8	9	7	3	2	3	3
9	4	3	3	3	3	3	3	4	7	9	8	4	2	3	3	2	3	2	3	2	14	0	0	0	4
10	0	0	0	0	0	0	0	1	1	2	3	5	3	0	0	2	1	0	0	2	5	3	3	3	1
11	1	0	0	2	4	3	3	2	4	2	2	2	2	2	2	3	3	2	0	15	0	1	1	0	2
12	0	0	0	0	0	0	1	4	4	4	3	4	3	3	3	3	3	5	5	4	6	5	6	5	3
13	8	12	12	9	9	9	11	15	16	15	14	13	13	10	13	16	16	12	11	14	12	9	10	6	12
14	11	10	9	9	5	3	3	3	2	2	2	1	0	1	0	1	2	2	1	2	2	1	1	2	3
15	2	1	3	4	8	9	5	5	5	3	3	3	2	2	2	0	1	1	2	2	2	0	0	2	3
16	0	1	4	3	3	3	3	5	4	2	2	2	2	2	2	1	2	5	10	6	9	14	13	15	5
17	25	18	17	16	14	12	15	17	20	19	-	9	7	9	9	9	11	8	6	5	6	3	7	3	12
18	2	2	0	0	0	0	1	3	5	4	3	3	2	2	4	3	3	2	1	0	0	0	0	0	2
19	0	2	2	2	2	2	6	12	7	4	6	8	10	8	7	9	9	9	8	8	6	9	8	6	6
20	9	9	13	12	9	11	11	10	9	10	13	14	11	10	10	10	15	13	12	11	9	9	10	8	11
21	7	6	7	8	8	8	15	15	14	7	6	7	7	4	4	3	2	2	2	2	1	2	1	0	6
22	0	1	0	0	0	4	9	9	7	5	4	5	5	4	5	6	6	6	5	5	5	6	7	5	5
23	7	8	5	6	5	5	6	7	8	9	10	9	10	10	9	10	10	8	12	8	8	10	10	9	8
24	8	8	10	12	15	16	15	11	13	11	13	***	10	5	4	6	6	2	2	2	1	0	0	7	7
25	0	0	0	0	1	0	2	3	3	5	3	4	2	***	2	2	2	3	3	3	3	4	6	7	3
26	8	5	6	4	4	8	10	11	11	9	7	3	3	3	3	3	4	9	15	14	15	10	9	8	8
27	-	5	10	13	13	11	11	12	10	10	9	7	6	6	7	7	6	6	5	4	4	4	4	4	8
28	4	4	4	4	4	5	9	13	14	13	12	12	13	12	7	5	6	7	7	8	7	8	8	5	8
29	7	4	4	3	3	2	1	2	2	3	3	6	3	3	2	2	0	2	2	4	3	4	3	2	3
30	2	2	2	1	2	2	1	2	1	2	3	4	2	2	3	4	4	4	5	6	5	4	5	5	3
MEAN	5	4	4	4	5	5	6	7	8	7	6	6	5	5	5	5	6	5	5	6	6	5	5	5	5.4

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - C NO 34007 BATHURST/WILSON, NORTH YORK														MONTH - DEC 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	5	5	6	6	9	8	11	10	7	6	4	4	4	4	5	6	6	11	10	10	9	10	7
2	8	5	3	5	4	5	8	13	17	18	14	12	14	15	13	12	10	6	3	3	0	0	0	6	8
3	7	5	3	0	0	0	0	0	2	2	2	3	3	4	7	0	0	3	2	0	2	0	2	3	2
4	3	5	0	0	2	0	2	5	10	6	9	9	6	4	3	3	3	4	5	4	5	-	4	4	4
5	4	4	4	3	3	9	6	7	12	16	12	14	7	10	9	11	11	11	9	11	15	16	13	13	10
6	11	10	9	9	8	6	7	9	9	9	9	8	7	6	6	4	4	5	6	6	7	10	9	7	8
7	6	5	5	4	3	2	3	3	3	5	7	7	7	6	8	9	9	12	17	21	19	20	16	16	9
8	15	19	13	14	13	13	16	18	21	29	21	17	14	9	5	3	0	0	0	0	2	0	0	0	10
9	0	1	0	1	2	2	3	4	6	4	3	5	4	6	14	11	14	7	6	4	-	-	7	5	5
10	6	5	4	3	3	4	3	4	6	6	5	3	3	4	***	0	1	2	1	0	0	0	0	0	3
11	0	6	0	0	2	9	7	16	14	8	6	8	6	6	4	9	2	3	5	4	-	-	-	7	6
12	0	2	7	0	5	4	15	11	15	19	10	10	11	14	18	17	15	16	12	8	10	2	3	2	9
13	2	3	3	3	3	0	1	2	3	0	0	0	0	1	2	2	2	2	2	10	5	7	0	2	3
14	2	5	0	0	4	0	0	4	0	5	0	0	0	0	1	2	2	3	4	8	9	1	5	3	2
15	0	2	4	0	4	0	6	7	7	6	4	***	3	12	11	12	14	14	10	6	10	6	6	6	7
16	8	0	3	4	5	6	4	7	12	4	5	1	2	2	4	5	1	7	3	4	6	0	0	2	4
17	2	3	3	2	4	4	5	5	4	12	5	10	16	14	15	14	14	10	5	6	7	7	5	4	7
18	4	3	2	3	4	4	4	2	6	0	0	6	0	0	2	4	5	5	3	3	7	-	-	-	3
19	0	3	2	0	0	0	0	0	3	2	6	0	-	-	3	3	6	6	5	12	6	0	3	5	3
20	6	0	2	6	0	0	4	6	10	7	3	4	4	3	2	3	3	3	7	8	2	10	0	2	3
21	2	2	2	2	1	2	4	4	3	2	3	6	3	3	2	3	4	5	4	8	0	8	0	3	3
22	3	4	5	5	4	5	11	16	8	***	***	***	***	11	17	11	13	18	5	6	7	9	8	9	9
23	12	11	14	13	12	15	19	21	16	19	12	12	15	14	8	11	10	9	9	9	9	9	7	12	4
24	8	9	8	8	8	9	13	2	2	1	6	0	0	1	1	1	2	2	0	5	3	4	2	4	4
25	3	2	2	2	4	3	2	3	4	8	9	7	7	8	5	5	6	8	9	6	3	5	5	5	5
26	4	3	4	6	2	0	2	4	6	0	7	2	4	5	4	5	5	8	11	13	5	5	6	8	5
27	8	8	9	8	12	12	19	17	15	8	7	7	8	8	9	5	6	7	7	8	15	9	12	12	10
28	14	13	17	18	8	9	17	10	17	12	13	10	6	7	7	8	8	13	17	9	11	11	13	12	12
29	10	9	11	10	10	10	9	12	0	14	5	7	8	8	7	6	8	6	5	5	4	5	3	8	8
30	2	0	0	2	4	0	4	2	0	2	2	2	3	3	4	5	8	0	9	4	6	8	0	7	3
31	0	1	3	3	2	4	6	7	11	9	3	7	8	6	6	6	6	4	4	4	4	4	5	-	5
MEAN	5	5	5	4	5	5	6	7	9	8	7	7	6	6	7	6	6	7	6	7	7	6	5	6	6.1

PERCENTAGE OF DATA VALID - 97.7

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 1.6

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	25	4.5	11	22
FEB	29	3.9	13	31
MAR	31	4.6	11	22
APR	30	4.5	10	26
MAY	31	3.7	10	17
JUN	30	4.6	12	19
JUL	31	4.9	12	28
AUG	31	5.2	10	22
SEP	30	5.8	15	25
OCT	31	5.0	13	26
NOV	30	5.4	12	25
DEC	31	6.1	12	29
YEAR	360	4.8	15	31

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	363	197	38	7	2	0	0	607
FEB	486	157	30	6	0	1	0	680
MAR	418	259	50	9	1	0	0	737
APR	388	282	32	3	1	0	0	706
MAY	519	179	36	4	0	0	0	738
JUN	417	211	72	9	0	0	0	709
JUL	399	262	53	13	6	0	0	733
AUG	384	255	71	20	1	0	0	731
SEP	369	191	108	25	6	0	0	699
OCT	427	201	75	21	7	0	0	731
NOV	390	221	84	17	2	0	0	714
DEC	324	280	86	32	5	0	0	727
YEAR	4884	2695	735	166	31	1	0	8512

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.9	0	0.0	1.6	3.2	5.8	10.4	12.8	15.4	17.4	31	4.8

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COHS/1000 FT													
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE												MONTH - JAN 80													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	3	4	3	2	0	2	2	0	0	2	1	0	2	0	3	5	0	2	2	1	0	2	2	2
2	2	1	0	2	2	2	2	2	3	3	3	3	2	0	0	0	1	0	0	2	0	0	0	1	1
3	1	0	1	0	0	0	1	1	3	3	2	0	0	0	0	0	0	0	0	1	1	2	2	3	1
4	3	3	3	3	3	3	4	6	6	8	6	5	3	***	0	1	3	3	2	3	3	3	3	2	3
5	2	2	0	1	1	0	0	1	3	3	3	2	3	0	0	0	0	0	1	2	3	3	2	2	1
6	3	3	3	2	2	2	3	2	4	7	5	3	2	0	2	3	3	3	5	4	3	2	3	3	3
7	3	3	3	2	3	3	2	3	2	0	2	0	0	1	0	0	2	0	1	0	1	0	0	2	1
8	0	0	0	0	0	0	0	0	0	3	2	1	0	***	0	0	1	2	1	2	2	0	0	0	1
9	0	2	0	1	0	1	1	2	2	2	3	2	2	0	0	0	0	0	0	1	1	0	1	2	1
10	2	2	2	3	3	2	5	4	8	6	7	3	3	2	2	3	3	3	3	2	3	4	4	5	4
11	5	4	4	4	5	3	6	3	3	3	1	3	2	1	1	2	1	1	1	0	0	0	1	0	2
12	2	2	0	2	2	1	0	0	0	0	2	0	1	2	2	2	2	2	0	0	0	2	2	1	1
13	0	1	2	2	2	3	3	0	0	2	3	2	3	2	4	4	3	4	6	8	6	4	3	3	3
14	2	2	3	3	3	3	4	5	5	5	6	6	3	5	3	3	4	5	3	4	2	3	2	4	4
15	0	3	5	5	8	5	5	8	12	9	7	3	***	***	0	2	5	4	6	2	3	2	2	2	4
16	3	3	2	2	3	2	3	3	4	4	3	3	4	3	3	2	3	3	3	4	3	3	4	3	3
17	4	3	2	4	4	5	6	8	14	12	10	7	5	7	6	7	6	8	7	5	2	2	2	1	6
18	3	1	3	0	2	2	3	2	5	2	4	3	2	4	2	0	3	2	0	0	0	0	2	1	2
19	1	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0
20	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0
21	0	0	1	1	0	0	2	2	4	3	2	0	0	0	0	0	2	0	0	7	8	8	5	5	2
22	3	4	3	2	2	2	0	2	4	4	4	4	6	***	5	2	3	3	2	3	3	2	2	3	1
23	2	0	0	0	0	0	0	0	2	2	2	0	0	0	0	2	0	0	0	0	0	0	3	0	1
24	0	0	0	0	0	0	1	0	2	2	0	1	2	0	0	0	2	0	0	2	2	3	4	4	1
25	4	4	5	6	7	4	5	5	7	5	5	6	4	***	3	3	2	4	4	3	4	4	2	2	4
26	2	3	2	1	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	0	0
28	1	2	2	1	0	0	0	1	2	1	3	2	0	0	0	0	1	1	2	2	2	2	2	2	1
29	1	1	2	2	2	3	3	3	5	5	2	3	1	***	3	0	2	0	3	1	1	1	0	1	2
30	2	2	1	0	0	0	0	0	3	2	3	2	0	0	0	***	3	0	2	2	1	0	0	1	1
31	0	0	0	0	0	0	0	0	2	2	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	2	2	2	2	2	2	2	4	3	3	2	2	1	1	1	2	1	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COHS/1000 FT													
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE												MONTH - FEB 80													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	1	3	2	2	2	1	0	0	0	0	2	0	0	4	1	0	0	1
2	0	1	0	1	0	0	1	1	3	3	2	0	0	0	0	0	0	0	0	0	0	***	3	2	1
3	2	0	0	0	0	0	0	0	2	2	3	1	1	2	2	2	1	1	1	3	2	0	0	0	1
4	0	0	0	0	0	0	0	1	3	***	7	3	1	0	***	***	0	0	1	4	2	2	2	2	1
5	3	4	4	5	8	3	4	7	14	7	2	3	2	***	0	0	-	2	3	3	2	3	2	4	1
6	3	4	4	5	4	5	4	4	6	6	5	4	2	3	3	2	3	3	4	6	4	4	5	3	4
7	4	3	3	2	3	2	2	3	5	7	9	13	3	5	5	1	0	0	2	1	2	3	2	1	3
8	0	0	1	0	0	2	2	4	6	3	2	1	0	0	1	0	1	0	0	1	2	3	3	2	1
9	1	2	1	1	0	2	1	2	2	2	2	0	2	0	0	0	0	0	0	0	0	1	1	0	1
10	0	2	0	0	0	0	0	2	3	3	0	0	0	0	0	0	0	0	0	1	5	4	2	2	1
11	0	0	3	3	3	2	3	5	5	5	3	3	2	1	2	1	3	3	3	3	3	3	4	5	2
12	2	2	1	0	0	2	2	5	7	5	3	0	***	***	4	1	0	2	0	1	1	2	2	3	2
13	3	5	5	3	3	3	4	5	7	6	5	4	3	2	1	0	1	1	3	3	3	4	3	3	3
14	3	3	3	3	3	4	4	5	6	5	3	2	2	2	0	0	0	0	2	3	3	5	4	4	3
15	5	5	5	5	3	3	7	9	11	8	11	7	6	4	2	3	3	4	4	3	5	3	2	3	5
16	3	3	2	1	2	2	2	2	3	4	4	4	2	0	1	0	0	0	3	3	3	1	1	2	2
17	2	2	2	2	2	1	1	2	4	4	1	0	0	0	0	0	0	0	0	1	2	2	1	2	1
18	3	3	2	2	2	2	3	4	5	5	2	2	2	0	1	1	0	2	2	2	3	4	4	3	2
19	3	3	2	3	3	3	3	3	5	4	5	5	7	***	9	12	13	12	15	15	17	16	18	16	8
20	12	10	7	12	11	13	10	13	18	11	10	13	10	11	10	11	10	9	10	12	8	9	11	9	11
21	9	10	7	7	5	8	3	6	5	4	4	4	6	5	4	4	3	3	3	3	0	2	0	2	4
22	0	1	2	0	0	2	3	2	4	3	2	3	3	4	4	3	5	6	6	6	3	2	3	3	3
23	3	0	0	1	1	1	2	0	2	2	2	0	4	0	2	3	3	3	4	7	7	7	6	5	3
24	5	3	4	3	2	3	2	2	2	0	1	0	1	0	0	0	0	0	0	7	1	1	1	0	1
25	2	6	2	2	2	2	4	4	4	2	5	0	2	3	2	0	1	3	0	2	1	0	1	2	2
26	1	1	1	0	0	0	2	***	4	3	2	0	***	0	0	0	0	0	2	2	2	3	0	0	1
27	0	2	2	2	2	2	2	2	3	3	3	3	0	1	2	3	1	0	0	0	0	2	2	2	2
28	1	2	2	1	0	0	0	2	3	4	4	0	0	0	0	0	0	0	0	2	3	2	2	2	1
29	2	1	2	1	0	0	0	3	4	3	2	1	***	0	0	0	0	0	0	2	2	1	2	2	1
MEAN	2	3	2	2	2	2	2	4	5	4	4	3	2	2	2	2	2	2	2	3	3	3	3	3	2.7

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.6

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COMS/1000 FT													
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE												MONTH - MAR 80													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	2	2	1	0	0	4	3	2	1	0	0	0	0	0	0	0	0	0	1	2	2	2	1
2	1	2	2	2	2	1	2	5	7	4	2	2	0	0	0	0	0	0	0	0	0	0	3	2	2
3	2	2	2	3	4	3	3	5	7	5	2	2	3	1	0	2	0	0	1	2	2	2	2	2	2
4	3	3	2	2	2	2	3	3	4	5	3	3	3	4	3	3	3	3	5	5	9	12	6	4	5
5	5	5	5	3	3	5	8	8	9	8	7	7	7	10	11	5	2	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	3	3	2	0	2	0	0	0	0	0	1	2	3	3	3	3	3	1
7	3	2	3	3	3	3	3	5	6	6	3	2	0	3	2	0	3	5	5	5	7	6	4	3	4
8	4	4	5	4	3	3	3	3	3	3	2	3	3	3	4	4	3	1	2	3	3	2	3	3	3
9	2	2	2	0	0	1	0	2	3	1	2	0	0	2	0	0	2	0	2	5	9	5	4	4	2
10	3	3	6	3	3	3	4	6	8	6	3	3	2	2	3	3	2	4	2	3	0	0	0	0	3
11	0	0	0	0	0	0	0	2	3	1	1	0	0	***	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	3	2	1	0	0	0	0	0	2	0	2	3	4	5	3	4	5	2
13	3	0	0	0	0	0	0	2	2	2	2	2	3	4	4	0	0	0	0	2	2	2	2	2	2
14	2	1	2	2	2	2	2	4	9	5	3	3	2	***	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	3	0	1	1	0	0	0	0	2	0	0	0	0	2	1	2	3	1
16	4	4	4	6	6	5	0	1	2	3	2	1	1	2	2	2	0	3	4	5	5	4	4	7	3
17	5	6	6	4	5	6	12	15	23	12	6	8	4	5	4	6	9	8	6	4	3	0	0	0	7
18	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	4	4	2	2	1
19	3	3	5	5	4	5	8	9	7	4	5	3	2	1	2	3	2	2	2	5	7	4	10	11	5
20	10	11	10	8	12	10	10	11	10	9	6	5	5	5	4	3	2	3	4	7	5	3	7	5	7
21	6	6	8	8	5	4	4	5	7	6	4	5	7	3	2	2	3	3	1	2	3	2	2	1	4
22	1	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0
23	1	0	1	0	0	0	0	2	0	1	2	4	3	3	2	3	2	5	5	4	2	3	3	2	3
24	4	2	2	4	6	5	3	5	4	4	2	4	0	0	0	3	3	5	3	6	3	2	1	3	2
25	0	0	0	0	0	0	0	0	2	2	0	0	0	***	0	0	0	0	0	2	3	0	2	3	1
26	2	0	0	0	0	0	0	2	1	0	2	0	2	1	0	0	2	5	5	2	2	1	2	2	1
27	2	0	0	2	2	2	4	5	6	9	5	2	2	2	2	2	2	2	0	4	4	3	3	2	3
28	2	2	5	5	4	3	4	5	9	9	6	6	6	6	6	7	9	9	11	13	8	4	4	4	6
29	4	3	4	4	3	2	3	3	4	3	3	3	2	2	3	1	4	3	4	4	4	4	3	3	3
30	2	2	3	0	2	1	2	3	0	3	3	2	0	0	0	1	0	0	0	3	2	2	0	2	1
31	0	2	0	2	0	0	2	2	2	2	2	3	3	3	2	2	2	2	3	4	3	5	5	5	2
MEAN	2	2	3	2	2	2	3	4	5	4	3	2	2	2	2	2	2	2	2	3	3	3	3	3	2.6

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COMS/1000 FT													
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE												MONTH - APR 80													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	4	6	5	3	3	4	8	10	-	-	6	5	-	0	5	4	3	3	3	3	4	6	5	5
2	6	6	6	5	5	6	6	5	3	4	4	4	5	3	4	2	3	2	0	0	0	2	2	3	3
3	2	0	0	2	4	5	7	9	7	0	2	0	-	***	0	0	0	3	2	2	2	1	0	0	2
4	2	2	2	2	2	2	3	3	3	3	3	2	2	0	1	2	0	0	0	0	0	0	0	1	0
5	0	0	0	0	0	0	0	3	0	2	0	0	0	0	0	0	0	0	0	0	0	2	3	1	0
6	3	0	1	2	1	1	2	3	3	0	0	0	0	0	2	1	1	0	1	3	0	0	2	2	1
7	1	2	2	2	3	3	5	9	8	5	5	6	6	4	4	6	8	5	5	5	4	3	4	4	5
8	3	3	5	3	4	3	6	5	7	6	5	5	4	***	3	2	3	3	2	2	3	3	2	-	4
9	2	2	2	2	4	8	8	8	6	6	6	6	4	4	3	3	0	2	2	3	2	3	3	4	4
10	4	1	0	0	0	0	0	2	2	0	2	1	2	2	1	1	0	2	2	2	2	2	2	1	1
11	0	2	0	0	2	0	1	3	2	2	2	0	3	2	2	2	2	2	1	2	2	2	7	2	2
12	9	8	7	5	4	6	6	5	7	5	6	7	6	7	7	4	3	0	2	2	0	0	0	4	4
13	0	0	0	0	1	0	2	2	0	0	0	0	0	2	0	0	0	0	0	0	0	2	2	0	0
14	0	2	2	0	0	0	0	2	2	2	2	2	2	2	2	0	2	2	1	4	5	5	4	2	2
15	0	0	0	0	0	1	0	2	1	2	0	0	0	***	3	0	2	2	1	2	2	2	2	0	1
16	0	0	0	0	0	0	0	2	2	0	1	0	0	0	0	0	0	0	0	0	1	3	4	3	1
17	3	2	4	4	5	4	8	6	3	4	6	2	3	3	1	2	0	0	0	2	5	3	3	4	3
18	3	4	4	3	3	2	4	4	4	6	5	4	2	2	3	2	4	3	0	0	0	0	0	7	3
19	6	3	3	3	3	3	5	6	6	7	6	4	5	6	6	6	7	6	6	7	10	12	14	6	6
20	4	2	0	1	1	1	2	3	3	5	2	3	1	2	1	0	0	3	0	0	0	0	0	2	2
21	2	2	0	4	2	2	5	2	3	3	3	3	2	2	1	2	2	0	0	0	0	-	-	3	2
22	6	6	5	3	4	5	4	2	3	2	2	2	2	-	-	3	2	0	0	0	0	0	0	2	0
23	2	0	0	1	2	2	3	2	4	3	4	5	4	4	2	4	2	1	0	0	2	0	1	3	2
24	0	1	3	3	2	2	4	4	0	3	4	3	3	3	3	0	3	3	1	1	2	3	2	2	2
25	2	3	2	1	0	1	2	3	4	3	1	0	1	3	3	5	5	3	0	0	2	5	4	2	2
26	5	5	5	5	6	5	0	2	5	4	2	3	3	0	1	2	3	4	4	5	8	7	6	6	4
27	3	3	0	2	0	2	0	1	2	3	4	3	2	0	0	2	2	1	2	3	2	3	2	3	2
28	3	0	3	0	2	3	4	2	5	2	4	0	3	0	3	0	2	1	0	2	1	0	0	0	2
29	0	0	0	2	3	0	4	4	4	4	0	2	***	3	3	3	3	2	3	4	5	4	3	7	3
30	5	5	8	8	7	9	10	9	7	7	9	8	6	7	4	7	8	10	6	-	2	9	10	12	5
MEAN	3	2	2	2	2	3	4	4	4	3	3	3	3	2	2	2	2	2	2	2	2	3	3	3	2.6

PERCENTAGE OF DATA VALID - 97.9 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 1.5

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE														MONTH - MAY 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	2	1	2	3	3	4	4	6	7	4	4	6	0	0	-	3	0	4	4	8	3	2	3	
2	1	0	0	0	2	4	4	4	2	3	5	4	3	3	2	4	3	0	4	5	4	5	5	6	3
3	7	8	7	7	6	3	4	2	2	3	3	4	3	1	2	2	1	0	0	0	5	2	3	2	3
4	0	2	2	2	2	3	4	0	2	0	2	15	2	1	2	3	2	0	0	0	0	2	2	2	2
5	2	2	2	3	5	8	7	6	4	6	5	4	7	3	2	3	2	0	0	2	1	0	3	3	3
6	1	3	0	2	1	0	2	2	2	0	1	***	***	2	0	0	3	2	0	2	4	1	2	3	2
7	0	3	2	2	2	3	5	0	5	1	0	0	2	0	1	1	0	0	0	0	0	0	0	2	1
8	0	0	0	0	0	1	2	3	1	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0
9	0	1	0	0	0	2	4	1	0	0	0	2	0	0	0	0	0	0	0	0	1	0	1	2	1
10	0	1	2	2	2	3	4	2	2	0	0	4	0	3	0	4	0	4	4	2	2	3	2	2	2
11	3	2	3	2	2	2	3	3	3	1	2	2	1	4	0	0	0	3	0	3	2	3	4	4	2
12	4	3	3	4	7	6	5	6	4	2	2	2	1	2	3	4	3	2	3	2	4	2	3	3	5
13	3	4	3	4	4	5	6	5	6	6	7	3	3	3	5	4	5	5	5	4	5	6	5	3	5
14	5	2	0	2	0	0	2	2	2	2	0	0	***	1	2	0	0	0	0	1	0	2	3	-	1
15	1	0	0	1	2	1	2	2	1	0	2	0	2	0	1	2	1	0	0	4	2	4	5	5	2
16	4	2	2	2	3	5	5	9	5	1	2	2	3	3	2	2	3	2	0	4	3	7	13	9	4
17	7	8	6	5	5	6	10	6	4	0	2	3	3	3	0	1	0	3	5	4	3	2	3	2	4
18	2	2	1	1	0	2	2	2	2	2	3	4	2	2	-	0	0	0	0	1	1	0	2	0	1
19	0	2	0	0	0	1	2	0	0	2	2	3	2	3	2	2	2	2	1	3	4	1	1	2	2
20	1	1	1	2	2	5	3	3	3	3	5	5	5	3	4	3	3	3	2	5	4	5	10	10	4
21	11	6	5	4	3	6	9	14	8	6	8	***	***	11	5	6	6	4	7	6	4	6	6	4	7
22	4	2	2	3	3	7	7	5	6	3	3	3	3	3	3	2	2	1	1	0	6	7	5	7	4
23	6	6	6	9	9	11	11	15	14	14	10	10	11	9	6	8	6	6	5	11	5	3	5	8	5
24	4	5	4	2	3	4	4	3	3	6	6	3	7	4	3	3	2	1	0	0	0	2	0	1	3
25	3	2	3	3	3	3	2	0	2	3	3	2	2	0	1	2	1	0	0	0	0	0	1	0	2
26	0	0	0	0	0	2	3	3	2	1	0	0	1	1	1	1	0	0	2	0	3	2	2	2	1
27	0	0	2	0	0	2	4	3	2	2	2	***	***	4	1	1	4	3	4	6	1	3	4	2	2
28	2	2	1	2	3	0	4	5	5	4	4	5	4	3	4	5	3	2	0	4	5	4	4	7	3
29	8	9	11	11	10	12	8	11	3	4	3	3	3	2	0	0	1	3	2	3	2	2	0	2	5
30	0	3	2	3	3	4	6	13	7	8	10	12	7	5	7	6	4	5	4	8	5	5	3	2	6
31	3	2	0	0	2	2	0	3	4	4	3	0	0	2	1	2	0	0	2	0	0	0	0	0	1
MEAN	3	3	2	3	3	4	4	4	4	3	3	4	3	3	2	2	2	2	2	3	3	3	3	3	2.9

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE														MONTH - JUN 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	1	0	0	0	0	3	1	3	0	2	3	2	3	2	0	0	
2	1	2	0	2	1	2	6	7	5	8	10	12	6	3	2	1	2	0	1	4	2	2	3	3	
3	3	3	2	3	3	2	3	3	4	3	0	2	***	2	1	1	0	0	0	0	3	0	2	0	
4	1	1	0	3	1	2	1	2	2	0	0	1	1	1	2	2	1	0	0	0	7	5	4	2	
5	2	5	3	3	3	3	7	9	3	6	4	4	3	2	3	3	3	2	0	5	4	3	3	3	
6	0	2	2	3	2	3	6	8	8	10	7	8	7	6	5	6	5	6	5	5	3	3	3	2	
7	3	0	2	2	0	3	0	4	3	0	4	0	2	3	2	5	1	3	2	3	4	3	3	4	
8	3	2	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
9	1	1	0	2	2	2	6	8	5	0	0	0	0	0	0	0	0	0	0	2	1	3	2	2	
10	0	0	0	0	0	1	2	0	1	0	0	***	***	1	0	1	0	0	0	0	0	0	0	0	
11	0	0	0	0	0	4	3	3	2	2	0	2	2	0	0	0	0	0	0	1	4	5	5	9	
12	11	11	4	5	6	6	9	10	6	4	6	5	4	3	3	2	2	2	2	4	4	4	4	4	
13	5	4	8	5	4	5	7	6	5	7	5	5	2	5	4	3	2	2	2	6	4	9	10	11	
14	11	10	9	10	7	11	9	***	***	***	8	2	4	4	3	3	3	4	5	5	3	4	5	5	
15	5	4	4	5	5	4	4	5	4	7	4	3	0	0	0	1	0	0	0	1	0	0	0	0	
16	1	0	0	0	0	1	5	3	2	2	0	0	0	0	0	0	0	0	1	0	1	2	0	3	
17	2	4	3	3	3	6	9	8	3	3	4	4	***	5	3	1	2	0	0	4	2	1	0	1	
18	0	1	3	1	1	4	5	7	5	2	5	3	3	5	12	6	5	4	3	3	1	1	2	3	
19	2	2	2	3	3	9	12	5	3	2	3	3	4	6	6	6	5	5	5	4	0	2	3	2	
20	3	1	0	0	0	0	2	2	1	***	***	***	***	***	***	***	3	2	0	0	3	4	3	6	
21	3	3	2	2	2	2	4	4	0	2	2	0	0	0	0	0	0	0	0	0	3	3	5	5	
22	8	4	4	4	5	5	5	4	6	4	3	5	5	3	4	3	2	2	0	3	4	3	2	2	
23	3	8	6	7	6	7	9	9	5	7	6	9	8	7	6	4	3	3	0	1	0	0	4	6	
24	6	8	9	9	18	16	21	18	14	13	11	9	7	9	***	8	4	4	4	5	7	5	6	10	
25	5	6	7	5	9	15	14	12	13	11	10	9	8	7	6	6	5	5	3	0	0	1	2	7	
26	3	3	6	4	4	6	7	10	8	7	6	2	6	4	4	3	3	1	0	0	0	0	2	5	
27	7	9	7	5	4	5	8	3	5	2	3	3	2	3	2	1	0	0	0	2	2	2	0	3	
28	0	3	1	0	0	2	0	1	2	1	0	2	0	0	0	0	1	1	0	2	0	3	0	0	
29	0	2	0	0	2	2	3	2	1	2	3	0	3	2	2	1	4	0	2	2	1	0	2	0	
30	2	0	0	0	0	2	1	0	2	0	2	2	2	***	4	0	0	0	0	0	0	2	3	2	
MEAN	3	3	3	3	3	4	6	5	4	4	4	3	3	3	3	2	2	2	1	2	2	2	3	3	3.0

PERCENTAGE OF DATA VALID - 97.5

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - C NO 35003													ELMCREST ROAD, ETOBICOKE												
MONTH - JUL 80																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	0	1	3	2	1	4	0	3	3	2	3	2	3	2	2	0	0	0	0	3	7	5	3	2
2	4	3	2	1	2	4	4	4	3	1	2	2	2	2	2	2	0	0	0	0	3	3	4	4	2
3	2	0	2	2	3	5	8	7	7	6	5	6	5	8	4	3	5	3	0	0	3	3	6	6	5
4	8	3	5	3	4	6	6	7	7	***	5	5	6	5	4	4	3	4	2	3	3	4	8	5	5
5	12	11	11	9	6	6	7	4	5	7	6	5	3	3	3	2	0	0	0	0	0	0	0	0	0
6	0	0	1	0	0	***	***	***	***	***	1	0	0	1	0	0	0	0	0	0	0	6	4	5	1
7	2	1	2	4	4	7	10	7	5	0	1	2	2	3	2	0	0	0	0	2	3	2	3	3	3
8	3	4	3	3	4	3	5	6	3	4	3	4	3	2	7	0	0	0	0	3	5	4	3	3	3
9	2	2	2	2	4	4	8	10	8	3	3	3	1	3	6	7	2	1	4	6	6	8	8	4	4
10	9	8	11	9	13	7	11	12	6	3	5	7	8	6	8	8	6	5	3	3	3	2	3	3	7
11	3	4	3	5	3	5	5	4	5	6	5	3	3	3	1	3	2	0	0	0	0	0	0	3	3
12	2	3	3	2	2	4	3	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	2	0	0	0	0	0	3	3	3	2	2	2	2	1	3	3	2	6	0	0	0	0	2	3	2
14	5	5	5	5	5	10	12	7	5	4	7	5	3	2	1	3	4	3	0	0	0	3	2	2	4
15	2	2	6	1	4	4	4	8	15	10	5	5	8	8	4	4	1	1	2	2	3	4	5	3	5
16	3	3	2	4	3	4	4	4	4	***	8	2	3	3	3	4	4	3	2	0	3	4	5	3	2
17	6	5	4	6	4	3	2	3	4	3	2	3	2	***	0	0	1	0	0	0	0	0	2	2	3
18	3	2	0	0	3	5	7	7	9	8	4	4	3	2	1	2	4	1	0	0	0	0	2	2	3
19	3	3	2	3	0	2	2	4	5	5	6	6	4	5	10	***	2	0	2	0	0	2	2	5	3
20	3	2	3	3	5	5	3	0	4	3	4	6	4	3	3	1	0	0	0	0	0	3	2	5	3
21	3	2	2	0	0	2	4	6	5	***	11	2	0	2	0	3	9	4	1	5	4	3	4	0	3
22	3	2	0	0	0	3	8	12	5	5	0	6	0	5	2	6	5	6	0	3	2	2	3	3	3
23	3	3	0	0	6	6	1	4	4	6	6	0	0	0	0	0	1	1	2	2	0	0	8	6	3
24	4	7	12	4	4	7	15	7	0	4	3	0	***	6	5	0	5	0	0	0	0	2	0	1	4
25	0	0	5	3	4	3	7	8	6	6	6	4	4	0	6	2	4	7	4	4	0	0	2	4	4
26	5	3	7	0	0	8	2	3	5	8	6	0	5	6	4	3	0	3	6	2	1	5	5	2	4
27	7	9	10	9	8	5	5	2	4	3	2	6	2	2	2	5	2	0	2	6	3	0	3	0	4
28	6	3	2	5	0	4	3	4	9	***	7	0	5	2	1	4	1	0	7	6	-	-	-	0	4
29	3	0	3	0	3	3	8	7	3	9	0	4	0	14	***	3	1	5	6	7	3	10	10	8	5
30	8	7	3	3	7	5	4	4	0	3	1	0	2	4	0	0	0	5	0	3	5	6	3	4	3
31	4	5	7	5	10	8	11	7	0	7	2	2	5	2	1	6	4	2	4	2	2	5	7	2	5
MEAN	4	3	4	3	4	5	6	5	5	5	4	3	3	4	3	3	2	2	2	2	3	4	3	3.4	

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 2.4 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - C NO 35003													ELMCREST ROAD, ETOBICOKE												
MONTH - AUG 80																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	6	6	8	0	5	10	4	12	15	5	5	2	2	2	2	3	2	2	0	3	0	2	3	2
2	3	3	3	3	1	3	3	4	4	3	1	0	3	5	2	0	2	0	0	0	0	2	0	3	2
3	0	0	2	3	1	1	3	3	5	2	1	2	0	2	3	2	2	0	0	0	0	2	3	2	
4	0	3	2	2	3	2	2	3	3	1	2	2	1	0	0	1	1	2	0	1	0	0	0	1	
5	0	4	5	6	7	8	7	7	9	7	8	9	4	4	4	4	1	0	2	3	2	2	0	0	
6	0	0	0	2	2	1	4	5	3	5	6	4	2	2	2	3	3	***	***	5	9	10	5	8	
7	8	7	8	7	7	7	9	10	9	6	5	5	5	3	3	3	3	3	2	1	3	4	5	4	
8	11	9	8	4	7	8	8	7	3	4	***	2	3	8	4	3	4	3	3	2	3	2	2	3	
9	2	2	0	0	2	2	2	3	2	2	2	2	1	1	0	0	0	0	0	0	1	2	3	0	
10	1	2	3	1	***	5	3	1	3	0	2	0	2	2	1	2	2	2	3	2	3	2	2	3	
11	3	8	9	8	7	9	17	11	8	***	5	2	1	2	1	2	***	3	2	2	2	3	5	2	
12	2	3	2	2	4	7	12	9	4	4	4	2	***	0	1	1	0	0	0	2	2	3	4	3	
13	2	3	0	2	4	4	5	4	3	2	0	2	2	1	1	2	2	4	3	3	4	3	5	3	
14	7	6	5	3	2	5	4	8	5	3	2	2	3	0	0	2	2	2	2	2	4	5	2	0	
15	2	2	1	2	0	3	4	4	0	2	1	0	0	0	0	0	0	0	0	0	0	2	0	0	
16	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	2	1	2	2	1	2	3	4	1	3	2	0	0	0	0	0	0	0	0	0	0	0	1	1	
18	0	3	0	2	0	2	5	5	3	3	***	***	***	4	3	4	4	4	3	4	5	4	6	9	
19	8	8	5	5	3	4	***	***	7	3	2	2	2	1	0	0	3	4	3	6	7	5	3	8	
20	4	6	9	5	4	9	14	9	6	5	4	5	5	4	3	2	2	3	2	2	1	3	3	5	
21	3	1	-	***	3	2	4	4	4	5	4	4	3	3	3	3	2	1	2	2	2	2	3	3	
22	3	3	3	3	3	3	4	5	4	4	4	4	3	5	5	5	5	4	5	3	3	7	9	9	
23	9	8	3	2	2	2	3	2	3	2	2	2	2	1	1	0	2	2	0	0	0	0	1	2	
24	1	2	0	1	0	0	0	3	2	2	1	1	0	0	0	0	0	0	3	2	1	2	6	8	
25	6	3	6	3	6	7	13	15	13	6	2	5	6	3	3	3	3	3	2	3	3	4	3	5	
26	3	4	2	3	5	5	5	-	8	5	4	***	***	4	4	3	3	3	2	3	3	4	5	4	
27	4	4	4	4	4	8	7	8	7	5	4	4	3	3	4	3	3	3	4	5	3	3	2	4	
28	1	2	1	0	1	1	2	2	3	3	2	2	0	3	2	1	1	0	2	0	0	2	2	1	
29	2	3	2	2	2	2	5	6	3	2	2	4	3	4	4	5	4	3	4	3	3	3	5	3	
30	7	8	8	5	4	4	6	6	7	5	1	0	1	2	2	2	2	2	2	3	4	4	3	4	
31	4	3	4	2	3	2	2	0	2	2	2	2	2	2	0	1	2	2	2	1	1	3	2	1	
MEAN	3	4	3	3	3	4	6	5	5	4	3	3	2	2	2	2	2	2	2	2	3	3	3	3.0	

PERCENTAGE OF DATA VALID

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COMS/1000 FT													
STATION - C NO 35003												ELMCREST ROAD, ETOBICOKE													
MONTH - SEP 80																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	0	1	0	1	2	1	0	0	1	3	2	1	0	0	2	0	0	0	1	1
2	0	0	1	0	2	0	6	4	6	5	6	6	3	3	0	0	3	1	0	3	1	2	3	2	2
3	2	1	0	2	3	4	7	5	2	0	***	1	0	***	0	3	2	2	2	4	5	3	3	3	2
4	3	4	6	15	15	17	13	10	4	4	5	4	4	4	4	4	4	3	4	-	4	4	4	0	6
5	3	2	0	3	2	3	3	5	3	3	2	1	0	0	0	0	0	0	1	3	5	3	2	2	2
6	2	2	3	3	3	4	4	5	2	1	1	0	0	0	0	0	0	0	0	0	4	3	3	3	2
7	0	0	0	0	1	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	3	2	2	2	1
8	0	3	3	3	4	6	8	13	9	4	5	4	5	3	2	1	0	1	1	2	3	1	2	3	4
9	5	8	7	12	13	8	6	6	4	6	5	5	2	2	2	0	1	0	1	0	0	0	0	0	4
10	0	0	0	0	0	2	3	4	2	1	1	0	***	3	0	0	0	0	0	2	3	1	2	3	1
11	3	2	2	2	1	3	4	3	2	1	0	2	3	0	1	1	2	1	0	0	3	3	4	2	2
12	4	4	2	2	0	0	2	2	2	0	0	1	2	0	2	2	3	2	4	3	3	2	3	2	2
13	0	0	1	0	0	0	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	5	5	14	13	12	11	6	4	2	4	3	0	0	0	0	1	0	0	1	0	0	0	0	1	3
15	0	0	0	0	0	0	3	-	3	2	4	3	3	1	2	1	1	0	2	4	2	4	4	4	3
16	2	3	8	9	9	10	5	3	3	3	3	2	1	2	2	2	4	5	4	7	5	3	4	3	2
17	2	2	2	2	2	3	3	3	3	2	2	0	0	***	2	2	2	2	2	0	0	3	3	8	2
18	4	2	3	2	2	2	9	13	6	7	7	4	3	***	***	***	***	***	***	3	4	6	3	1	5
19	2	2	1	3	4	4	11	10	7	3	4	3	2	0	2	3	3	3	4	4	4	3	3	3	4
20	4	3	4	5	6	6	6	7	6	6	4	3	3	2	3	2	2	0	1	1	2	3	1	1	3
21	0	0	1	2	2	2	2	3	2	3	4	5	3	2	3	2	2	2	0	1	2	0	0	0	2
22	0	0	0	0	0	1	3	5	4	5	5	4	3	3	3	2	3	2	0	0	0	0	2	2	3
23	0	0	0	0	0	0	3	4	3	3	0	2	1	***	0	0	0	0	0	0	0	0	4	0	3
24	0	2	4	0	4	9	7	5	6	4	2	1	2	2	1	1	0	0	0	2	2	4	8	***	1
25	8	6	7	3	4	8	12	13	16	13	11	10	10	5	4	5	7	8	7	5	5	4	6	8	8
26	4	1	0	2	0	0	2	0	3	0	2	2	3	8	0	0	0	0	0	0	1	2	2	0	1
27	1	0	1	0	1	-	1	2	2	1	0	0	0	0	0	0	0	0	0	0	1	2	2	2	1
28	2	3	3	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	1	2	1	3	2	2	1
29	3	3	2	2	2	3	4	8	8	2	1	0	0	1	2	2	3	4	4	6	6	5	10	12	4
30	13	15	10	12	11	10	12	16	8	4	10	***	3	5	5	-	6	5	5	6	5	5	6	5	8
MEAN	2	2	3	3	4	4	5	5	4	3	3	2	2	2	2	1	2	1	2	2	3	3	4	4	2.8

PERCENTAGE OF DATA VALID - 97.6

PERCENTAGE OF DATA INVALID - 1.8

PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COMS/1000 FT													
STATION - C NO 35003												ELMCREST ROAD, ETOBICOKE													
MONTH - OCT 80																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	7	9	9	8	12	8	5	3	3	3	2	3	3	3	3	4	5	4	5	5	3	5
2	0	0	0	0	0	0	0	2	3	3	1	2	0	***	7	-	***	3	4	5	4	7	2	***	2
3	4	6	0	3	5	4	***	11	6	3	0	0	2	3	5	6	4	4	5	3	5	0	2	1	4
4	2	3	3	3	2	1	2	4	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	2	2	2	3	2	1
6	3	2	2	2	1	2	3	5	3	1	0	1	1	2	3	3	2	-	2	2	0	2	2	3	2
7	4	4	3	5	6	9	14	16	10	6	4	4	5	***	5	5	5	5	6	5	3	5	4	4	6
8	3	3	2	4	5	3	5	5	4	-	2	3	2	3	3	3	2	***	***	***	***	***	***	***	***
9	***	***	***	***	***	***	***	***	***	***	0	0	0	1	1	3	0	0	2	2	2	2	7	3	***
10	2	2	3	5	6	10	14	24	12	1	2	2	2	2	0	4	4	3	4	5	6	10	13	10	6
11	7	6	4	5	4	4	4	4	3	4	3	3	2	0	0	0	0	0	0	0	0	1	0	1	2
12	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2	2	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	1	2	2	3	5	6	3	5	3	0	2	2	3	2	3	3	4	1	3	0	2	3	4	3
15	2	3	5	3	3	5	4	6	6	5	5	4	3	4	2	3	2	3	3	3	5	6	6	5	4
16	4	4	2	3	6	6	9	17	11	11	12	14	13	10	6	9	9	9	9	10	9	9	7	8	9
17	7	8	7	7	7	9	8	11	12	11	***	10	8	7	8	7	3	4	3	3	3	2	2	0	6
18	0	0	0	0	0	0	0	0	2	2	2	2	0	0	0	0	0	0	***	***	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	1	0	2
20	0	0	0	0	1	2	4	***	7	3	0	2	1	0	3	1	0	3	1	3	1	0	2	3	2
21	0	3	0	2	2	0	9	6	0	4	***	***	3	2	2	0	0	0	0	0	0	1	0	0	2
22	0	0	0	2	2	1	3	14	3	2	0	1	1	2	0	1	1	2	0	2	1	0	1	3	3
23	3	2	2	2	3	6	9	0	7	3	2	3	0	0	2	2	0	3	3	5	5	1	0	0	3
24	0	0	1	0	0	0	0	3	2	2	0	2	2	2	2	2	2	3	2	2	2	1	2	2	1
25	2	2	3	2	2	2	3	3	2	1	-	0	1	2	3	2	3	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	2	1	2	0	2	0	1	0	2	2	4	5	3	4	5	3	2
28	4	3	4	3	3	3	2	3	3	2	3	0	0	-	0	2	0	0	0	0	0	0	1	0	3
29	1	0	0	1	1	0	2	4	4	1	1	2	0	1	0	1	2	3	3	2	2	3	2	2	2
30	2	0	2	0	0	2	1	4	3	3	2	2	2	2	2	2	2	0	3	3	3	3	3	3	2
31	3	2	3	3	3	3	3	4	6	3	4	3	2	3	2	0	2	0	2	2	2	2	2	2	2
MEAN	2	2	2	2	2	3	4	6	4	3	2	2	2	2	2	2	2	2	2	3	2	2	3	2	2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX		UNITS - 0.1 COHS/1000 FT																							
STATION - C NO 35003		ELMCREST ROAD, ETOBICOKE												MONTH - NOV 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	7	7	9	-	3	3	3	4	3	3	4	3	3	6	4	8	7	7	8	9	11	8	7	5	2
4	5	2	1	2	2	1	2	0	0	0	0	0	3	4	2	3	5	2	2	1	2	2	0	2	2
5	0	0	0	0	0	0	2	3	5	3	0	0	0	1	0	0	0	1	0	1	0	0	1	2	1
6	1	1	2	2	2	3	3	4	3	3	2	8	3	2	0	3	3	3	0	2	2	3	2	3	3
7	4	2	3	2	4	4	5	11	9	6	5	6	7	8	8	9	14	11	12	4	2	2	0	0	6
8	0	0	0	0	0	0	0	1	1	2	0	2	0	0	2	0	2	3	5	6	2	0	1	2	1
9	2	2	2	2	2	2	2	2	3	5	5	3	2	0	3	0	2	0	0	2	0	1	0	0	2
10	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	3	6	3	2	1	2	0	0	2	2	1	1	3	2	0	1	-	1	1
12	0	0	0	0	0	0	2	3	2	1	-	0	1	0	2	2	1	5	5	7	4	5	5	7	2
13	7	9	8	5	4	4	3	6	8	8	6	5	5	5	6	7	7	8	7	6	11	9	9	11	7
14	9	8	6	6	4	3	3	3	2	2	0	0	0	0	0	2	2	2	0	0	2	0	0	2	2
15	1	0	1	2	1	2	0	3	2	2	1	0	1	0	2	0	0	0	2	2	2	2	0	0	1
16	0	0	0	0	0	1	1	2	2	0	0	1	0	0	0	0	0	1	2	4	6	7	9	13	2
17	14	9	6	6	7	8	9	15	9	9	5	5	2	2	5	3	4	4	4	4	3	5	7	3	6
18	3	3	3	2	1	0	2	2	5	4	2	1	0	0	1	4	4	4	0	0	1	1	0	0	2
19	0	0	0	0	1	1	0	0	8	8	5	5	5	5	1	1	4	4	4	4	2	2	6	6	3
20	3	3	4	4	2	2	2	2	5	5	5	5	8	8	6	4	6	7	5	6	7	5	5	5	5
21	4	4	4	4	5	5	4	6	9	9	4	3	0	***	1	2	2	1	0	0	0	0	0	0	3
22	0	0	0	0	0	0	2	2	2	3	2	0	2	2	2	2	3	2	5	3	4	4	7	6	2
23	5	4	4	3	3	3	3	5	5	5	6	4	5	8	7	6	8	9	11	10	6	6	6	4	6
24	3	5	5	4	6	8	8	11	10	8	11	9	7	7	3	6	5	3	2	2	2	0	0	0	5
25	0	0	0	0	0	0	0	2	2	4	3	6	2	***	1	2	2	1	0	2	2	3	3	2	2
26	1	2	3	3	3	2	2	5	9	5	4	3	0	0	1	2	3	8	7	8	8	8	10	11	5
27	-	8	9	7	6	4	3	5	3	2	2	1	2	5	5	3	3	2	2	2	2	2	2	2	4
28	2	1	2	1	1	1	2	3	4	3	3	4	2	3	4	3	2	2	3	4	4	4	0	0	1
29	3	2	2	1	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	2	4	3	5	3	3	3	1	2	1
MEAN	3	2	3	2	2	2	2	4	4	4	3	3	2	2	2	2	3	3	3	3	3	3	3	3	2.7

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.7

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. -.- INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX		UNITS - 0.1 COHS/1000 FT																							
STATION - C NO 35003		ELMCREST ROAD, ETOBICOKE												MONTH - DEC 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	3	0	2	3	1	2	4	5	5	5	4	2	2	2	1	8	7	6	8	9	7	6	6	4
2	4	3	3	3	3	3	4	5	8	10	7	6	3	6	5	4	4	0	2	2	3	6	9	4	4
3	12	8	6	1	0	2	0	0	2	2	2	0	0	0	0	2	3	2	2	2	0	0	2	2	2
4	0	0	1	0	0	0	2	3	7	9	7	7	6	7	5	3	5	5	8	9	-	9	8	5	5
5	8	6	5	3	3	3	4	8	10	11	7	4	2	2	3	4	5	6	9	12	14	17	18	16	8
6	15	14	11	8	6	6	6	7	11	9	8	8	4	3	3	3	2	3	3	4	4	9	10	7	7
7	6	8	7	5	3	6	6	5	4	5	7	6	7	8	8	11	10	7	9	13	14	20	9	9	8
8	7	4	5	11	11	10	12	13	17	15	3	3	3	3	1	3	2	0	0	0	0	2	3	6	6
9	0	0	0	0	0	0	2	4	5	3	3	2	2	***	2	3	5	4	4	5	-	3	2	2	2
10	2	3	2	0	1	1	1	2	2	3	3	2	0	0	1	2	2	3	0	1	2	3	0	0	2
11	0	2	2	0	2	2	2	3	8	4	4	0	0	0	1	1	3	2	1	0	-	-	-	2	2
12	2	2	2	2	3	2	3	5	6	4	5	4	4	6	7	7	10	9	4	4	5	2	2	2	4
13	2	0	2	1	1	1	0	1	2	1	0	0	0	0	0	2	0	0	0	1	3	3	0	1	1
14	2	2	2	1	2	0	0	1	0	1	2	5	0	1	0	0	0	0	0	2	2	0	0	0	2
15	0	0	0	0	0	0	1	3	6	8	4	5	7	6	4	6	10	11	9	7	7	8	8	7	5
16	9	5	4	4	4	4	4	5	3	7	6	3	4	2	4	2	2	2	2	2	3	2	2	0	4
17	0	0	0	0	2	2	0	4	5	4	7	5	6	6	9	7	6	2	3	3	5	4	4	3	4
18	3	2	2	2	2	2	2	2	2	0	1	2	1	0	0	1	0	2	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	2	2	3	2	1	-	***	0	1	2	2	2	2	1	0	2	1	1
20	0	2	0	0	0	0	0	0	4	3	6	7	0	0	0	0	0	0	0	1	0	2	0	1	1
21	1	0	1	0	0	1	0	0	2	2	2	1	1	0	0	0	0	0	0	1	2	2	2	1	1
22	2	2	3	2	3	3	3	4	8	7	5	4	4	4	7	7	5	4	6	3	4	5	6	6	4
23	5	7	7	9	8	9	10	12	11	7	7	7	7	***	3	5	5	4	5	5	5	6	4	7	7
24	6	5	5	5	4	5	6	5	2	2	0	2	0	0	0	1	0	0	0	0	0	0	0	0	2
25	0	0	0	0	0	0	1	3	3	3	3	3	2	1	0	0	3	0	2	4	0	2	2	1	1
26	2	2	3	2	2	2	0	2	3	1	4	0	3	0	3	4	2	4	4	4	3	3	2	4	2
27	8	6	5	8	3	5	6	5	10	9	9	6	7	5	5	7	7	4	5	10	8	11	11	15	7
28	10	8	7	6	6	5	6	6	8	5	6	3	4	3	5	5	5	8	11	8	8	12	7	6	7
29	5	5	5	4	7	4	7	5	7	7	8	12	8	5	5	6	5	5	3	3	3	2	2	3	5
30	0	1	0	0	0	0	0	0	3	2	2	1	3	***	0	2	2	2	2	3	2	3	5	5	2
31	4	3	2	2	3	3	3	3	4	5	4	3	2	3	3	2	3	2	2	4	3	2	2	-	3
MEAN	4	3	3	3	3	3	3	4	6	5	5	4	3	3	3	3	4	3	3	4	4	5	4	4	3.7

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 1.8

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. -.- INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.9	6	14
FEB	29	2.7	11	18
MAR	31	2.6	7	23
APR	30	2.6	8	14
MAY	31	2.9	8	15
JUN	30	3.0	10	21
JUL	31	3.4	7	15
AUG	31	3.0	5	17
SEP	30	2.8	8	17
OCT	29	2.5	9	24
NOV	30	2.7	7	15
DEC	31	3.7	8	20
YEAR	364	2.8	11	24

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	661	71	3	0	0	0	0	735
FEB	571	87	20	5	0	0	0	683
MAR	602	127	11	0	1	0	0	741
APR	567	135	3	0	0	0	0	705
MAY	581	135	18	0	0	0	0	734
JUN	526	156	16	3	1	0	0	702
JUL	506	200	15	0	0	0	0	721
AUG	576	140	9	1	0	0	0	726
SEP	578	100	22	3	0	0	0	703
OCT	595	97	15	2	1	0	0	710
NOV	543	153	14	0	0	0	0	710
DEC	484	213	25	6	0	0	0	728
YEAR	6790	1614	171	20	3	0	0	8598

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.9	0	0.0	0.5	1.8	3.0	6.0	7.9	10.3	12.0	24	2.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE														MONTH - JAN 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	6	8	9	9	7	4	3	2	1	0	1	2	0	2	2	3	3	3	3	2	3	3	3	4
2	3	2	2	2	2	2	5	8	9	7	5	6	4	2	4	3	4	3	3	2	2	2	1	2	4
3	3	1	2	0	1	1	3	4	3	3	4	4	3	3	3	2	3	4	3	3	4	3	5	4	3
4	4	8	13	10	11	15	18	16	12	11	8	8	4	1	3	6	4	2	3	0	4	5	4	2	7
5	2	2	3	2	2	3	2	4	4	3	4	4	4	3	2	0	2	3	4	8	3	5	7	9	4
6	8	6	6	4	5	5	5	6	6	7	9	5	3	0	2	0	3	4	5	3	2	3	3	3	4
7	5	3	2	2	3	2	4	3	2	3	3	3	2	2	2	3	3	2	2	2	2	2	1	1	2
8	2	1	2	0	2	2	3	3	6	4	3	4	4	3	4	2	4	2	3	3	3	3	2	2	3
9	2	1	0	1	2	3	3	4	4	6	3	4	4	3	4	4	4	4	2	3	3	2	4	4	3
10	5	3	4	4	3	4	9	12	11	8	8	5	5	6	4	3	4	3	3	3	3	4	12	15	6
11	6	5	5	4	4	6	7	7	5	3	4	0	3	3	3	4	4	4	0	0	0	0	1	2	3
12	2	0	3	3	1	2	0	2	0	2	1	3	1	1	1	0	2	3	0	0	2	2	2	2	2
13	2	2	2	3	3	4	0	2	2	3	2	2	4	2	2	2	2	2	2	2	2	2	2	2	2
14	2	3	2	3	3	4	4	7	9	8	10	10	9	9	9	8	8	5	6	4	5	5	6	4	6
15	4	4	5	6	5	7	7	14	19	19	7	8	7	6	4	4	4	3	2	3	2	1	1	2	6
16	2	2	1	0	2	2	3	3	4	4	4	4	3	3	3	3	3	4	2	2	3	3	3	4	3
17	4	4	4	4	4	5	9	14	17	12	8	8	6	6	7	6	7	6	6	9	10	1	2	2	7
18	3	2	2	2	2	3	4	5	6	9	7	7	9	8	5	9	8	4	3	3	3	3	2	1	4
19	2	2	1	0	0	0	0	2	2	2	2	2	2	3	2	1	1	3	3	2	1	2	1	0	2
20	0	0	0	1	0	0	0	0	1	0	1	2	3	2	1	0	0	0	0	2	2	0	3	0	1
21	0	3	0	0	0	1	5	6	7	6	4	5	4	6	4	4	5	2	4	6	6	7	8	7	4
22	5	5	3	4	2	0	3	4	4	5	6	5	3	8	5	4	5	4	3	4	2	2	2	1	4
23	0	1	0	0	0	0	2	4	5	3	4	4	4	3	3	3	4	4	3	2	3	2	3	2	2
24	0	0	0	0	0	2	3	6	6	5	4	3	3	3	3	4	4	4	3	3	3	3	4	6	3
25	7	6	8	6	8	6	8	11	12	10	10	5	7	8	7	6	6	4	8	6	7	6	4	4	7
26	3	3	2	1	2	3	2	4	3	3	1	3	2	0	2	0	3	1	2	3	1	2	1	2	2
27	2	2	0	2	0	2	0	2	1	0	1	2	2	0	0	2	2	2	2	2	4	3	2	3	2
28	3	3	4	3	2	2	4	3	5	5	5	8	4	4	4	3	4	3	4	3	3	3	3	2	4
29	3	2	2	3	3	5	6	8	9	10	6	8	4	4	4	4	3	4	5	5	3	0	2	3	4
30	4	3	3	2	0	0	4	4	5	4	3	3	3	3	4	4	4	4	5	5	3	0	2	3	4
31	2	0	3	1	1	0	3	4	3	4	8	4	5	3	3	3	4	4	2	2	2	1	2	0	3
MEAN	3	3	3	3	3	3	4	6	6	5	5	4	4	3	3	3	4	3	3	3	3	3	3	3	3.6

PERCENTAGE OF DATA VALID - 97.4

PERCENTAGE OF DATA INVALID - 2.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE													MONTH - FEB 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	2	0	0	0	2	3	4	4	4	4	2	4	3	2	3	3	3	3	4	3	2	3	0	2
2	2	2	0	2	0	0	2	3	2	0	2	2	0	2	2	1	2	1	3	2	1	4	7	3	2
3	3	3	0	1	0	2	0	0	3	3	4	3	4	2	2	3	2	2	2	2	2	2	2	2	2
4	2	1	2	2	2	3	2	6	4	9	12	12	7	7	8	8	3	4	4	3	2	3	3	4	5
5	6	6	6	7	7	4	6	8	10	6	8	0	6	6	3	3	-	-	5	8	7	3	5	6	6
6	6	8	4	4	10	2	10	3	6	13	8	8	2	5	4	4	3	3	3	3	4	4	6	6	5
7	2	2	0	0	5	5	4	4	6	6	4	4	5	4	3	4	2	2	3	2	1	3	5	3	3
8	2	1	0	3	2	3	7	7	5	6	4	11	6	5	4	3	2	2	6	2	5	5	5	3	4
9	3	0	2	4	0	3	3	4	5	0	6	0	2	3	1	2	0	0	3	4	2	4	3	2	2
10	3	4	0	2	1	1	4	0	2	2	3	2	4	3	2	0	0	0	0	3	4	4	2	2	2
11	5	4	5	2	3	3	3	6	8	5	4	6	3	2	2	5	5	1	5	5	5	4	5	4	4
12	4	5	3	0	5	4	8	13	14	10	9	2	6	5	4	4	3	3	2	3	7	2	5	4	5
13	3	4	7	2	3	4	5	11	10	5	6	7	3	4	3	3	3	2	2	4	4	5	7	3	5
14	4	4	4	4	4	5	7	8	9	8	7	4	5	5	4	4	3	4	6	5	4	7	10	10	6
15	4	7	8	3	9	3	10	15	16	13	14	10	5	4	4	4	5	3	7	0	0	4	0	1	6
16	4	3	3	4	3	2	5	0	3	4	6	3	3	3	0	0	0	1	0	5	0	3	5	2	2
17	5	3	3	5	6	3	2	4	5	4	3	2	2	0	0	0	0	4	0	3	2	3	0	2	3
18	5	0	6	2	0	3	5	3	6	5	4	5	2	3	3	3	6	0	5	4	0	3	4	4	3
19	2	3	3	2	7	2	7	3	6	8	4	10	8	11	11	11	13	11	13	10	7	9	9	8	8
20	5	6	6	8	15	14	13	15	12	9	11	13	11	6	17	16	14	13	14	14	12	13	12	12	12
21	12	10	9	8	6	7	6	10	11	9	8	9	9	9	7	8	6	2	0	0	0	0	0	0	6
22	0	0	0	0	2	3	2	2	4	2	4	0	3	3	5	9	9	9	9	11	6	3	3	3	4
23	4	3	2	1	2	2	2	2	4	5	5	3	4	7	1	5	3	2	3	4	3	3	3	2	4
24	4	4	5	3	3	3	2	2	2	2	0	1	1	2	1	1	0	0	1	0	1	2	3	3	2
25	2	2	2	2	2	3	7	8	6	7	0	8	6	4	3	3	2	1	4	0	2	2	0	0	3
26	1	2	0	0	3	2	3	4	3	4	5	4	4	4	4	4	3	3	3	3	3	4	3	2	3
27	1	2	4	2	3	4	5	4	5	5	6	4	4	5	6	0	2	3	0	5	4	5	0	4	3
28	3	3	2	0	0	0	2	7	3	3	3	3	3	2	2	3	5	2	6	0	4	0	4	0	3
29	2	1	2	0	0	0	3	4	6	2	4	4	0	2	4	0	4	4	3	3	2	2	4	6	3
MEAN	3	3	3	3	4	3	5	5	6	5	6	5	4	4	4	4	4	3	4	4	4	4	4	4	4.0

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 1.4

PERCENTAGE OF DATA UNAVAILABLE - 0.3

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE													MONTH - MAR 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	6	7	2	0	3	2	3	1	0	0	3	0	4	0	0	4	2	0	6	5	4	3	3	3
2	3	4	4	3	3	3	2	5	0	2	3	3	2	3	0	2	0	0	5	0	0	8	3	2	4
3	3	6	4	6	3	2	9	6	9	9	----	1	4	4	3	3	2	0	0	2	7	0	2	6	4
4	0	3	3	4	0	5	3	7	4	7	6	0	10	5	7	7	9	5	5	6	6	8	5	4	5
5	3	4	4	5	5	8	9	10	9	6	10	9	17	19	11	5	2	0	4	0	0	5	0	0	6
6	1	5	0	0	3	0	4	5	4	6	4	4	6	5	3	3	3	2	2	4	6	7	6	4	4
7	5	4	4	4	5	7	5	9	12	10	----	----	6	6	4	2	4	5	5	7	9	4	4	4	6
8	5	4	5	4	3	3	4	5	5	5	4	5	4	5	5	6	5	3	4	5	4	3	3	10	5
9	4	4	4	2	2	2	0	1	4	5	6	5	3	2	2	0	0	2	2	4	5	5	5	5	3
10	5	6	3	3	5	4	6	7	10	8	6	8	5	4	5	4	5	6	4	3	2	0	0	0	5
11	0	0	2	5	0	2	0	4	4	4	----	9	4	4	3	3	3	2	4	0	0	5	0	0	3
12	4	0	0	4	0	0	5	3	2	5	4	0	5	5	4	3	6	3	1	0	7	3	8	7	5
13	0	0	----	0	2	2	0	2	0	3	5	0	2	4	4	0	7	0	4	2	0	4	0	2	2
14	2	2	2	2	3	3	5	13	17	13	8	5	3	----	6	4	3	3	3	3	2	0	0	2	5
15	0	0	0	0	0	0	0	2	3	3	3	3	4	2	0	0	0	0	0	0	2	3	3	3	1
16	8	10	10	9	5	2	1	0	2	4	3	2	2	2	1	2	0	2	2	2	3	2	3	3	3
17	4	7	5	4	5	11	16	30	26	17	13	----	----	----	15	9	11	10	8	12	5	0	0	----	10
18	0	0	0	0	0	0	0	4	5	4	3	----	0	4	3	4	5	2	3	4	6	2	5	6	3
19	7	10	13	12	11	11	10	8	8	11	11	----	----	4	10	8	5	4	6	6	3	4	5	8	8
20	6	5	8	7	5	6	13	24	13	10	9	10	8	4	6	6	8	6	7	6	4	7	5	8	8
21	7	6	9	11	6	4	7	8	10	11	9	13	11	8	3	1	0	0	0	0	0	0	0	2	5
22	0	0	0	0	2	0	2	3	0	3	0	0	2	3	2	2	2	1	1	2	2	3	4	2	2
23	2	2	2	2	1	2	2	2	3	3	4	3	2	2	2	2	2	0	2	3	2	2	3	2	2
24	2	2	5	5	3	3	4	5	7	6	----	11	5	5	5	5	7	5	5	8	6	5	4	3	5
25	2	2	2	0	0	0	0	3	3	5	0	6	5	5	4	4	4	3	2	2	5	4	5	4	3
26	3	2	0	2	1	2	3	4	6	6	5	7	6	4	3	5	5	6	4	4	6	6	4	4	4
27	2	2	3	3	4	5	17	20	13	11	----	----	10	9	6	3	4	2	0	2	3	3	2	0	6
28	3	2	4	8	6	7	9	12	16	13	14	6	5	5	6	0	7	8	13	21	15	10	8	9	
29	8	7	5	3	2	2	3	3	3	4	5	4	4	4	3	3	4	3	5	4	6	4	4	4	4
30	3	3	3	2	0	0	2	3	4	5	6	3	0	2	2	1	0	0	0	0	3	0	2	0	2
31	0	0	0	2	0	0	0	2	3	3	----	5	4	4	5	4	3	3	3	3	3	7	7	7	3
MEAN	3	3	4	4	3	3	5	7	7	7	5	5	5	5	5	3	4	3	3	4	4	4	3	4	4.2

PERCENTAGE OF DATA VALID - 97.7

PERCENTAGE OF DATA INVALID - 2.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE													MONTH - APR 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	5	8	13	5	8	11	15	17	-	-	0	8	6	5	8	6	4	3	4	2	4	6	9	7
2	10	8	7	7	8	8	9	9	6	6	7	9	8	----	3	3	6	7	9	2	0	1	2	2	6
3	2	3	5	5	6	8	14	16	7	4	----	0	-	5	2	3	4	4	3	2	0	0	0	0	4
4	0	0	1	2	3	3	6	6	4	3	5	5	2	3	2	2	0	0	0	0	0	0	0	0	2
5	0	0	0	0	0	1	1	3	4	2	2	2	0	0	0	0	0	0	0	3	4	4	3	3	1
6	3	2	2	2	2	2	3	4	5	2	0	0	0	2	3	0	1	0	0	0	0	0	0	1	1
7	2	2	2	2	2	7	13	8	6	0	11	5	6	4	8	6	6	5	5	5	7	7	6	5	5
8	3	3	4	2	3	2	6	6	9	----	----	----	9	5	3	4	5	4	3	4	3	3	4	-	4
9	1	3	2	5	9	10	10	6	7	6	7	----	6	9	7	6	3	5	6	3	0	4	3	3	5
10	2	2	0	1	2	2	3	3	5	4	4	3	3	4	4	6	5	4	4	4	5	4	4	2	3
11	5	9	13	3	2	3	4	5	6	7	6	0	4	3	5	4	5	4	2	5	5	8	2	5	5
12	5	4	3	5	3	6	4	6	6	5	6	7	7	7	9	11	6	4	0	0	1	2	2	1	1
13	2	0	0	0	0	0	2	2	2	1	0	0	0	0	1	0	0	0	2	0	0	1	2	2	1
14	1	2	3	2	0	0	2	2	2	3	4	3	0	1	2	2	2	3	3	4	6	5	4	4	3
15	3	2	2	2	3	4	3	5	4	4	2	2	1	2	3	3	6	4	3	4	5	4	0	0	3
16	0	0	0	0	0	0	2	4	4	3	3	3	3	4	2	2	2	2	1	2	3	3	3	5	2
17	4	5	3	7	7	10	14	11	7	6	5	4	3	3	5	8	4	3	2	3	5	3	4	4	5
18	5	5	6	5	5	27	19	9	5	----	----	7	8	5	4	4	3	3	7	4	4	3	4	5	7
19	5	3	3	4	3	6	11	10	5	6	5	6	5	6	5	5	5	4	6	6	13	9	6	9	6
20	11	4	1	0	3	7	7	3	3	3	5	0	0	2	2	2	0	2	4	2	2	0	2	1	3
21	0	1	3	4	3	4	5	8	4	5	----	4	3	3	3	3	4	4	0	2	4	-	-	3	3
22	5	5	6	5	7	10	5	3	4	3	3	4	0	-	-	8	2	0	2	3	0	0	-	0	4
23	0	0	0	2	2	2	5	6	4	6	6	0	3	3	3	3	4	5	2	2	0	0	2	2	3
24	2	2	20	2	2	4	6	7	7	5	1	4	6	4	6	6	3	3	3	5	4	4	4	3	5
25	4	3	2	0	3	3	3	5	4	6	0	12	6	3	3	4	5	5	3	3	5	9	5	6	4
26	9	7	8	6	6	6	4	3	2	4	4	3	2	2	2	4	4	7	6	6	7	4	5	9	8
27	7	5	4	4	4	3	5	4	6	5	0	2	0	2	2	2	2	0	4	0	3	3	2	1	3
28	0	2	2	0	2	2	4	5	4	4	2	4	2	4	3	0	3	0	0	0	0	0	1	0	2
29	0	0	2	2	2	3	5	7	7	0	4	3	2	3	3	4	1	0	0	3	1	4	3	2	3
30	5	7	8	10	10	14	11	9	9	7	6	8	----	0	6	9	8	6	9	-	4	13	11	12	8
MEAN	4	3	4	3	4	6	7	6	6	4	4	3	3	3	4	4	4	3	3	3	3	3	3	3	3.9

PERCENTAGE OF DATA VALID - 97.4

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE													MONTH - MAY 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	5	3	3	0	6	8	9	9	6	6	4	5	6	5	6	0	4	9	14	5	2	2	5	
2	3	3	2	2	3	9	10	9	6	***	5	9	7	7	6	6	4	4	2	8	9	7	7	6	
3	10	9	12	6	9	8	10	4	4	3	3	3	2	0	4	2	2	2	1	2	2	4	0	4	
4	2	2	3	2	1	2	2	2	0	3	2	3	2	0	0	2	3	0	0	1	2	2	2	3	
5	2	2	3	4	6	11	16	14	10	***	4	9	2	6	5	5	5	4	4	6	4	3	3	6	
6	3	2	2	0	3	3	5	6	4	5	5	3	5	1	3	2	3	2	2	1	2	4	6	5	
7	1	0	3	3	3	7	9	8	7	5	4	4	4	5	3	6	1	1	1	2	2	2	0	3	
8	2	2	1	2	3	5	7	6	5	3	4	3	3	5	5	4	3	0	2	2	2	2	1	3	
9	2	2	0	0	0	4	7	7	4	***	***	10	5	4	4	2	2	2	1	2	1	2	3	0	
10	2	3	3	3	3	5	6	3	2	3	3	2	2	2	2	2	3	2	2	0	2	3	3	2	
11	2	3	3	2	2	4	3	4	3	4	4	3	3	3	3	1	0	2	2	0	2	4	5	2	
12	3	3	2	4	5	5	7	6	6	0	0	4	2	4	0	4	3	2	6	0	5	5	6	4	
13	8	6	8	9	10	9	8	7	12	8	13	7	4	6	5	5	6	5	4	6	10	5	3	3	
14	7	4	3	2	0	2	4	6	6	5	4	2	4	8	7	1	3	2	2	4	6	0	5	4	
15	3	1	0	2	3	6	7	6	5	4	7	5	4	6	4	4	3	3	2	3	6	3	8	4	
16	5	4	3	2	5	8	9	11	7	8	2	4	5	3	3	3	3	3	5	6	7	13	12	6	
17	13	0	10	8	8	10	7	4	2	2	3	2	2	2	2	3	3	1	5	5	4	0	2	4	
18	2	2	0	0	0	0	1	1	2	2	3	4	4	0	0	0	1	1	2	2	3	2	0	1	
19	0	3	2	0	2	0	3	0	0	2	2	2	2	2	2	2	2	1	2	4	5	4	3	2	
20	2	4	2	4	6	5	6	6	5	3	5	7	6	4	4	4	3	3	4	4	7	9	9	5	
21	10	12	11	9	8	9	13	12	12	12	14	5	7	8	6	7	6	4	5	5	9	12	9	5	
22	4	4	2	4	9	18	14	12	11	9	7	7	7	5	6	5	4	5	8	8	9	10	9	8	
23	8	9	8	12	15	19	17	14	11	17	13	11	10	10	7	6	5	6	9	15	10	5	7	11	
24	5	5	4	4	5	6	7	9	8	8	9	7	6	5	4	3	3	3	2	3	2	3	4	5	
25	3	3	4	3	3	2	1	1	2	2	2	2	3	0	0	0	0	0	0	3	3	2	4	3	
26	2	3	0	2	3	5	6	4	3	***	2	2	3	3	2	3	2	3	2	3	0	1	3	1	
27	2	***	2	0	0	3	6	6	3	***	***	4	4	5	5	5	4	4	4	4	4	2	2	3	
28	0	0	1	2	3	3	6	8	7	8	7	6	2	5	7	5	2	2	3	5	8	5	9	14	
29	11	7	4	7	10	17	11	7	6	3	3	4	5	***	***	***	4	3	3	2	2	2	2	2	
30	0	2	3	3	8	9	12	12	9	7	14	6	5	***	***	***	***	***	***	***	***	***	***	***	
31	***	***	***	***	***	***	***	***	***	***	***	6	3	3	2	1	0	0	0	0	0	1	0	0	
MEAN	4	4	3	3	5	7	8	7	6	5	5	5	4	4	4	3	3	2	3	4	5	4	4	4	

PERCENTAGE OF DATA VALID - 95.3

PERCENTAGE OF DATA INVALID - 4.3

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE													MONTH - JUN 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	2	0	0	0	0	1	1	0	0	0	2	0	1	2	2	3	0	2	0	0	3	2	1
2	0	0	0	0	0	2	3	5	6	***	17	4	6	10	8	8	5	3	4	3	3	3	3	4	4
3	3	6	3	4	3	5	5	4	6	4	4	3	4	4	3	3	2	2	2	2	3	2	2	2	3
4	2	2	0	2	0	2	3	3	1	3	3	3	***	***	***	***	***	***	***	***	***	***	***	***	***
5	***	***	***	***	***	***	***	***	***	***	***	***	10	3	4	3	3	3	4	3	2	2	2	0	***
6	0	2	0	2	2	3	3	3	5	5	6	6	5	5	4	5	3	4	6	4	4	3	4	2	4
7	3	3	3	0	1	2	0	2	2	3	2	0	1	2	2	3	2	2	3	4	3	4	2	5	2
8	2	0	0	0	1	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	2	2	2	1	1
9	1	2	0	2	0	2	5	6	4	***	0	8	5	3	3	3	3	0	2	1	3	3	2	2	3
10	2	0	2	0	2	6	6	5	5	4	4	4	4	4	3	3	2	2	2	2	3	2	1	3	3
11	0	2	0	2	3	8	8	7	4	4	4	5	3	5	5	5	3	2	3	2	3	6	6	10	9
12	16	17	15	13	13	18	22	12	8	5	3	***	***	***	8	3	3	4	3	3	5	4	4	6	9
13	9	13	7	14	11	9	13	15	14	10	7	7	5	6	7	5	5	5	4	9	9	8	7	7	9
14	10	10	13	13	14	10	12	***	***	***	8	6	6	5	6	6	6	6	6	9	5	6	6	6	8
15	5	7	7	7	7	7	8	8	6	6	7	6	3	3	2	0	3	2	0	5	3	2	0	1	4
16	0	2	1	3	2	4	6	1	4	***	9	2	2	2	1	2	3	3	1	0	2	3	0	3	2
17	2	3	4	5	7	9	15	15	8	6	6	7	8	5	6	7	3	4	1	2	3	2	2	2	6
18	2	2	2	3	4	5	6	7	9	8	7	6	7	9	10	11	9	6	6	7	4	3	3	6	6
19	4	4	4	5	7	10	7	5	5	6	5	5	5	4	4	4	4	6	7	7	3	5	4	4	5
20	3	2	2	0	0	1	2	2	3	3	2	2	2	2	2	2	3	3	3	3	4	7	10	4	3
21	10	5	2	3	4	5	4	6	4	3	3	3	2	2	2	1	0	2	0	2	4	7	12	7	4
22	16	6	8	8	10	10	11	10	6	5	3	3	3	3	3	2	2	2	2	2	7	5	4	6	6
23	3	4	5	6	8	10	13	14	12	***	19	13	11	10	7	7	5	3	3	3	6	7	9	14	8
24	15	14	15	21	20	27	28	18	19	16	16	8	13	16	10	8	7	5	7	6	5	12	14	9	14
25	7	8	8	12	13	18	16	16	16	10	9	9	8	9	8	9	7	5	4	4	4	3	3	6	9
26	8	7	7	7	8	11	16	15	12	14	9	8	10	10	6	4	5	4	4	5	3	3	4	7	8
27	13	13	7	5	5	8	9	9	7	***	2	5	5	5	4	4	3	2	2	0	2	3	2	2	5
28	2	0	0	0	0	1	0	3	0	4	1	0	3	0	0	0	0	0	1	0	0	0	0	0	1
29	2	2	0	0	3	2	0	2	3	2	0	2	2	1	0	0	2	2	2	3	2	4	2	2	2
30	2	0	1	1	2	3	6	5	3	***	5	3	3	4	2	3	3	2	2	2	3	2	3	3	3
MEAN	5	5	4	5	5	7	8	7	6	6	6	5	5	5	4	4	3	3	3	3	4	4	4	4	4.7

PERCENTAGE OF DATA VALID - 95.0

PERCENTAGE OF DATA INVALID - 4.9

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE													MONTH - JUL 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	2	3	4	5	6	5	3	4	3	3	4	3	3	3	3	2	4	5	4	3	4	4
2	6	6	7	7	7	16	8	5	6	5	5	4	4	5	4	4	3	3	2	2	3	3	4	4	5
3	3	3	3	3	7	15	12	11	***	5	***	6	5	1	6	5	3	4	4	6	7	8	9	8	8
4	8	8	5	6	8	12	12	11	11	0	11	8	8	8	8	7	9	5	8	8	7	6	8	10	8
5	6	6	5	4	6	6	6	8	7	6	5	8	5	3	3	2	0	0	0	1	1	1	1	0	4
6	2	0	2	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	1	3	4	8	6	1
7	5	3	2	5	8	10	14	11	12	7	5	4	4	3	3	2	2	2	5	5	5	3	4	5	8
8	4	4	3	4	5	8	10	6	6	9	7	5	2	5	4	4	5	3	3	2	5	3	6	4	5
9	3	2	2	3	5	7	8	11	16	9	8	15	0	0	11	10	10	6	6	8	12	13	14	12	8
10	18	11	6	15	21	19	20	16	12	13	8	7	7	9	8	7	7	5	5	6	10	10	7	6	11
11	6	11	6	7	7	10	10	10	12	10	7	6	7	6	4	5	5	2	3	2	3	3	4	3	6
12	2	2	4	4	6	5	4	4	2	1	2	2	2	0	1	1	1	0	0	1	0	2	2	2	2
13	2	0	0	0	0	1	1	1	2	2	2	0	0	0	0	0	0	0	2	3	1	5	7	4	2
14	5	7	5	6	8	16	17	10	7	10	8	6	6	4	5	5	8	2	3	3	2	3	6	4	7
15	5	4	5	8	6	9	12	16	4	12	8	7	8	10	8	5	4	4	4	5	6	6	5	7	7
16	5	5	6	5	6	9	11	11	13	***	6	5	8	6	6	6	5	4	3	2	2	2	2	2	5
17	5	10	4	4	6	9	11	9	7	7	6	5	5	4	5	4	4	3	2	2	1	2	2	2	5
18	3	3	2	2	3	5	9	11	10	6	7	6	5	5	6	6	0	2	4	3	4	2	2	2	5
19	2	3	3	3	3	4	4	3	3	4	6	3	3	5	4	2	0	3	3	3	3	4	5	7	3
20	6	5	5	6	5	5	3	5	3	5	7	4	4	3	3	3	0	7	2	5	9	6	6	3	5
21	2	3	2	3	4	11	9	10	8	8	6	5	8	6	5	5	3	5	6	4	3	4	10	20	6
22	2	2	3	3	4	8	4	4	4	4	8	4	8	4	2	5	3	2	1	2	3	4	4	4	6
23	16	12	10	28	8	4	10	12	13	8	8	10	5	4	6	4	4	3	4	3	4	5	4	2	5
24	3	4	4	2	4	7	14	8	11	10	7	7	6	7	8	4	3	3	2	2	3	3	3	4	6
25	5	5	4	4	4	7	14	8	11	10	7	7	6	7	8	4	3	3	2	2	3	3	3	4	5
26	4	7	3	7	8	6	8	7	8	4	3	4	4	8	4	3	3	4	4	2	3	4	5	5	5
27	4	5	5	7	5	4	3	5	5	4	3	2	4	3	3	3	4	4	3	4	3	4	3	2	4
28	0	0	1	0	1	4	4	7	9	8	10	7	5	5	5	5	2	2	2	1	-	-	-	4	4
29	2	3	6	3	4	5	8	6	8	7	7	5	5	7	5	3	0	5	5	6	7	9	8	10	6
30	9	13	6	5	8	10	13	***	7	5	5	6	5	5	5	3	4	3	3	4	5	8	7	11	7
31	7	7	9	7	12	8	12	7	5	6	6	6	8	6	10	2	3	2	2	2	3	1	3	2	6
MEAN	5	5	4	5	6	8	9	8	7	6	6	5	5	5	5	4	3	3	3	3	5	5	5	5	5.2

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE													MONTH - AUG 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	6	4	7	9	10	13	7	6	4	7	5	4	3	4	3	3	2	3	4	2	5	4	5
2	3	3	2	3	2	4	3	4	3	3	2	3	2	3	2	0	0	0	0	0	1	0	0	2	2
3	1	2	1	4	2	0	2	2	2	2	2	2	1	2	2	2	2	1	1	0	0	0	1	0	1
4	2	7	1	2	1	4	2	2	3	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3
5	0	0	0	0	3	2	4	6	8	7	5	5	4	2	4	4	3	2	2	3	2	1	2	0	1
6	1	2	2	2	3	5	6	6	4	5	5	3	3	3	2	3	3	****	****	4	7	4	3	3	4
7	3	4	4	5	4	8	9	6	****	5	5	4	3	2	5	4	3	1	3	3	3	3	4	5	4
8	5	3	5	3	6	7	5	4	7	5	****	3	4	6	5	3	2	3	3	3	3	3	3	3	4
9	3	2	0	0	0	1	1	1	0	1	1	1	2	2	0	2	0	0	0	0	0	0	0	0	1
10	0	1	1	2	****	3	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1
11	3	3	3	3	4	8	7	9	6	2	3	2	2	2	2	2	2	2	1	2	2	2	2	2	1
12	3	3	2	2	3	9	10	9	6	5	5	4	5	4	4	4	3	2	2	3	3	3	5	5	4
13	3	4	3	3	4	8	11	10	8	4	6	4	6	5	4	3	2	****	3	3	2	3	5	6	5
14	6	4	2	2	2	5	8	8	7	5	5	4	3	4	3	4	2	2	3	4	5	6	4	4	4
15	3	3	2	1	2	5	10	6	4	****	4	3	3	4	2	3	2	2	2	1	2	1	2	1	3
16	2	3	2	2	0	1	3	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	4	1
17	2	2	3	3	2	4	3	4	2	1	1	1	2	0	0	0	0	0	0	0	0	0	0	4	1
18	1	2	3	3	3	4	5	9	6	****	8	6	5	7	4	3	3	3	6	7	6	8	9	5	5
19	8	9	6	6	7	9	****	****	9	6	4	****	****	3	4	6	4	4	7	10	9	8	7	7	7
20	5	7	13	7	7	12	13	5	3	5	4	6	4	5	2	4	2	3	2	2	2	3	3	3	5
21	2	3	****	3	4	6	6	4	3	4	3	6	3	3	3	3	2	3	2	2	2	2	4	5	3
22	3	2	3	4	3	5	7	7	4	6	6	4	4	4	4	4	3	3	3	3	4	5	7	7	5
23	8	7	6	4	2	3	4	4	3	2	3	2	8	3	3	****	3	****	3	****	0	****	2	****	4
24	0	2	2	0	2	0	0	0	2	****	0	****	0	****	0	0	9	3	3	****	4	8	8	3	3
25	7	4	5	5	9	19	24	12	9	****	****	****	****	14	9	4	4	6	4	3	4	5	5	8	8
26	4	6	3	4	6	10	11	****	****	7	4	7	8	6	5	5	6	6	4	4	4	5	4	6	6
27	5	5	6	6	7	12	12	11	8	7	6	5	7	5	5	6	5	4	6	6	6	3	3	3	6
28	2	2	0	0	2	4	5	6	8	5	5	5	5	4	4	1	1	2	1	1	0	2	0	3	3
29	1	2	3	2	2	3	5	5	4	6	4	****	0	4	5	4	2	3	3	4	4	4	4	5	3
30	6	4	4	6	8	8	8	7	4	3	2	3	4	2	2	3	3	2	3	3	3	4	4	4	4
31	4	4	4	4	3	3	3	2	3	2	1	2	2	0	2	0	3	3	1	3	4	3	2	2	3
MEAN	3	3	3	3	4	6	7	6	5	4	3	3	3	3	3	3	2	2	2	3	3	3	3	4	3.6

PERCENTAGE OF DATA VALID - 94.4

PERCENTAGE OF DATA INVALID - 5.2

PERCENTAGE OF DATA UNAVAILABLE - 0.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COMS/1000 FT													
STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE												MONTH - SEP 80													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	2	0	0	0	1	2	2	2	2	0	0	2	2	3	3	1	0	1	3	2	2	2	2	1
2	2	2	0	2	3	11	10	8	10	8	12	11	7	7	5	3	4	4	3	4	3	4	5	4	6
3	4	2	2	3	7	11	9	6	7	***	9	3	5	4	3	4	4	4	5	8	5	4	5	4	5
4	5	3	15	13	14	11	15	8	9	8	7	6	6	6	5	4	7	4	6	-	5	4	5	3	7
5	0	0	2	2	3	3	0	0	4	4	1	1	3	4	3	2	3	3	4	5	5	4	4	4	3
6	4	4	4	4	5	6	6	6	3	2	1	2	0	0	0	0	0	0	1	2	2	3	3	2	3
7	4	1	2	0	1	1	2	2	1	1	2	1	0	0	0	0	0	0	0	3	2	3	4	3	1
8	3	3	10	5	6	9	11	14	8	5	7	5	5	8	6	5	4	4	4	4	3	2	4	3	6
9	3	5	7	9	10	12	14	15	13	11	11	9	5	4	4	5	4	3	4	3	3	3	3	2	7
10	3	2	1	2	2	6	9	5	4	5	3	3	4	4	4	4	3	2	3	4	3	2	3	4	4
11	4	2	3	2	3	6	8	6	5	4	5	4	4	4	4	4	3	4	4	5	3	5	5	4	4
12	5	6	4	4	1	3	7	3	5	***	0	4	4	6	6	6	5	4	5	7	6	4	3	2	4
13	2	2	2	0	2	1	1	3	2	2	3	3	2	3	2	3	2	3	3	4	5	5	5	6	3
14	6	5	7	3	4	5	5	5	5	4	3	2	0	0	0	2	3	0	3	0	0	1	2	0	3
15	3	2	0	0	0	4	4	-	3	***	1	5	7	4	3	3	3	2	3	4	5	6	5	2	3
16	3	3	6	8	13	8	4	4	6	10	8	3	6	5	5	4	4	4	5	6	3	3	6	3	5
17	2	2	3	3	3	7	8	5	5	5	7	2	2	2	2	2	2	2	2	2	1	1	1	1	3
18	2	2	1	1	3	3	7	7	3	3	2	2	1	1	3	3	3	3	7	7	3	3	0	0	4
19	0	0	2	2	8	6	11	11	2	2	***	***	7	7	2	2	2	3	3	2	2	3	3	2	4
20	2	2	0	0	3	3	7	7	4	4	2	2	1	1	1	1	0	0	0	0	1	1	2	2	2
21	6	6	0	0	0	0	1	1	3	3	2	2	0	0	0	0	0	0	2	2	0	0	2	2	1
22	1	1	2	2	5	5	5	5	1	1	2	2	4	4	4	4	4	4	0	0	1	1	1	1	3
23	0	0	1	1	3	3	1	1	5	5	2	2	2	2	3	3	0	0	2	2	0	0	0	0	2
24	0	0	1	1	2	2	7	7	5	5	4	4	3	3	0	0	0	0	0	0	1	1	6	6	2
25	2	2	5	5	4	4	13	13	17	17	7	7	5	5	4	4	2	2	5	5	5	5	3	3	6
26	2	2	0	0	2	2	3	3	5	5	2	2	1	1	2	2	2	2	0	0	0	0	2	2	2
27	0	0	0	0	8	8	3	3	2	2	0	0	4	4	0	0	0	0	0	0	1	1	3	3	2
28	7	7	0	0	1	1	2	2	0	0	0	0	2	2	0	0	1	1	0	0	0	0	4	4	1
29	1	1	0	0	4	4	5	5	4	4	2	2	1	1	1	1	3	3	1	1	5	5	7	7	3
30	16	16	15	15	23	23	15	15	7	7	2	2	2	2	2	2	2	2	5	5	5	3	6	6	8
MEAN	3	3	3	3	5	6	7	6	5	5	4	3	3	3	3	3	2	2	3	3	3	3	3	3	3.5

PERCENTAGE OF DATA VALID - 99.0

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE														MONTH - OCT 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	8	11	11	4	4	11	11	7	7	3	3	6	6	2	2	0	0	1	1	2	2	2	2	5
2	2	2	0	0	4	4	2	2	2	2	3	3	5	5	3	3	5	5	3	3	5	5	1	1	3
3	2	2	2	2	2	2	5	5	5	5	1	1	5	5	5	5	1	1	2	2	1	1	0	0	3
4	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	2	2	1	1	2	2	2	2	2
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	0	0	0	0	0	2	2	0	0	3	3	.....
6	4	4	0	0	0	0	6	6	0	0	2	2	1	1	3	3	3	3	0	0	2	2	2	2	2
7	2	2	1	1	8	8	17	17	13	13	4	4	0	0	6	6	2	2	6	6	7	7	2	2	6
8	3	3	3	3	4	4	2	2	5	5	1	1	3	3	4	4	4	4	3	3	7	7	2	2	3
9	0	0	0	0	0	0	6	6	3	3	5	5	2	2	2	2	2	2	4	4	2	2	0	0	2
10	2	2	3	3	10	10	14	14	2	2	0	0	2	2	1	1	3	3	2	2	12	12	2	2	4
11	6	6	2	2	4	4	4	4	2	2	3	3	1	1	5	5	2	2	0	0	1	1	2	2	3
12	0	0	0	0	0	0	1	1	0	0	1	1	1	1	2	2	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	
14	2	2	3	3	7	15	16	19	10	6	9	2	7	6	4	7	6	5	5	5	5	6	9	9	6
15	5	6	3	2	7	4	10	10	7	4	5	7	5	5	4	7	6	5	5	5	5	6	9	9	7
16	5	10	5	9	8	10	10	16	10	14	17	14	13	7	12	11	10	8	6	8	10	8	6	4	10
17	8	7	10	12	17	10	9	11	9	10	11	8	***	11	14	12	5	6	4	6	5	3	4	2	8
18	1	0	0	0	0	2	5	4	4	3	1	2	2	0	2	0	3	3	3	5	0	3	0	0	2
19	2	4	0	0	0	0	0	4	1	0	0	0	2	0	0	0	0	0	3	3	3	3	3	0	1
20	0	0	0	1	3	5	6	10	9	8	6	***	***	11	4	7	4	5	5	3	1	3	3	2	4
21	3	1	2	3	1	4	11	7	8	4	5	10	5	***	3	4	4	2	2	4	3	2	1	4	4
22	0	3	2	0	4	4	7	9	8	0	4	3	6	4	3	3	0	3	3	2	2	3	3	3	3
23	1	2	3	3	4	8	13	8	6	6	7	3	2	1	3	1	1	2	0	0	0	0	0	0	2
24	0	0	0	0	0	6	2	5	6	0	4	0	3	4	3	5	5	***	0	2	3	3	1	0	2
25	2	2	3	4	2	2	4	3	2	2	2	2	0	3	4	2	4	0	0	3	0	0	0	0	2
26	0	0	0	0	0	0	0	2	0	1	2	3	0	1	0	0	0	0	2	0	0	0	0	2	1
27	0	0	0	0	0	1	3	2	4	2	0	10	4	4	4	4	6	5	3	6	5	6	6	7	3
28	5	5	5	1	5	4	5	9	6	4	5	4	4	4	4	4	2	3	2	2	2	1	0	1	4
29	2	2	2	4	2	2	5	7	7	3	4	7	5	2	0	6	4	6	3	5	3	0	4	2	4
30	2	0	2	3	0	2	4	4	4	5	5	0	5	3	3	3	4	4	2	4	4	4	2	4	3
31	3	2	3	3	3	4	5	7	8	7	3	4	4	7	4	4	3	5	5	5	4	4	7	4	4
MEAN	2	3	2	2	3	4	6	7	5	4	4	4	3	3	3	4	3	3	3	3	3	3	2	2	3.4

PERCENTAGE OF DATA VALID - 97.4

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE															MONTH - NOV 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	0	0	0	0	0	0	2	2	2	2	1	2	1	0	1	1	1	2	1	2	0	0	1	
2	0	0	2	1	1	0	0	1	0	2	0	3	2	0	2	3	2	0	7	7	8	6	3	3	2
3	10	9	3	-	3	3	6	5	7	5	10	6	7	6	8	9	7	7	6	8	8	3	3	6	6
4	4	4	4	2	3	3	3	2	0	3	4	3	5	5	6	8	6	7	3	6	2	1	-	2	4
5	1	1	1	0	1	1	3	5	8	5	-	6	2	3	4	3	3	3	3	3	2	1	3	2	3
6	4	0	2	2	3	3	6	4	3	2	4	3	3	3	4	3	4	5	4	2	3	3	5	5	3
7	2	3	2	3	6	3	11	9	9	8	-	-	-	7	8	10	12	9	14	11	5	4	2	1	7
8	0	0	0	0	0	0	0	1	3	3	5	4	2	4	0	0	0	2	3	2	0	0	0	2	1
9	3	3	2	3	3	2	2	0	5	5	4	3	3	4	2	3	3	2	4	3	2	1	1	0	3
10	0	0	0	0	0	0	2	4	5	3	-	0	5	2	2	2	3	2	2	2	2	1	2	0	2
11	0	1	0	0	0	0	3	4	3	3	2	3	3	3	2	2	3	4	3	3	0	2	0	0	2
12	0	0	0	0	0	1	3	6	5	4	4	5	6	5	5	5	5	7	7	7	5	5	5	5	4
13	11	9	7	5	4	3	5	6	7	9	7	6	6	9	8	8	8	8	8	8	9	13	11	8	8
14	8	8	9	11	4	5	5	4	3	3	***	3	3	2	3	3	3	3	3	3	2	4	3	2	4
15	2	0	0	0	2	2	2	3	3	6	3	3	3	2	3	1	0	2	2	2	2	2	0	0	2
16	2	1	0	2	2	2	1	2	3	2	2	2	3	3	3	2	1	4	5	8	10	13	14	***	4
17	***	***	***	***	11	14	14	17	15	4	-	2	2	3	5	5	4	5	4	3	3	3	4	3	6
18	3	2	1	0	0	1	2	3	7	8	7	6	5	3	3	3	3	4	3	2	1	0	0	1	3
19	0	1	2	2	2	2	3	6	5	5	4	4	5	7	8	8	9	6	4	5	5	6	5	6	5
20	4	6	5	7	6	7	8	10	10	10	8	7	6	4	5	0	13	9	7	5	5	6	7	5	7
21	6	5	6	5	5	6	8	7	6	5	5	5	6	6	6	5	4	2	3	2	0	0	1	2	4
22	2	2	0	1	3	1	4	1	2	4	2	2	4	4	4	4	3	4	4	4	2	4	6	5	3
23	6	6	4	4	3	4	4	5	6	5	6	***	***	4	10	8	6	6	8	4	5	9	7	6	6
24	9	8	7	7	8	6	9	13	13	13	14	4	13	10	8	7	7	5	3	1	2	0	0	0	7
25	0	0	0	0	0	0	2	4	5	4	3	2	3	4	3	2	2	4	5	7	6	6	6	4	3
26	4	4	3	5	5	5	9	13	15	13	8	4	18	7	7	6	7	8	9	9	10	9	10	8	8
27	-	6	8	9	9	7	4	5	3	2	2	2	2	0	1	2	2	1	2	1	3	2	2	2	3
28	2	2	2	2	2	2	2	3	6	4	6	5	7	***	9	7	7	8	5	4	5	3	2	5	4
29	3	3	0	1	0	2	0	0	2	2	3	3	4	2	2	2	2	3	2	1	2	0	2	0	2
30	0	1	1	1	2	0	0	2	2	2	0	2	0	1	3	3	2	2	4	3	3	3	4	4	2
MEAN	3	3	2	3	3	3	4	5	5	5	5	4	5	4	4	4	5	5	5	4	4	4	4	3	3.9

PERCENTAGE OF DATA VALID - 97.5

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE															MONTH - DEC 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	5	5	3	3	9	11	11	****	14	9	7	7	7	7	9	8	8	7	6	5	5	7
2	3	2	1	3	3	2	4	6	15	17	16	6	8	7	7	6	5	0	0	4	0	0	0	***	5
3	2	0	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
4	1	2	0	0	0	3	5	7	8	9	11	11	9	7	7	14	8	9	9	9	7	-	11	9	7
5	7	5	5	4	4	5	8	13	14	14	***	17	3	4	5	3	3	3	10	15	16	17	19	20	9
6	20	15	14	11	12	12	10	13	12	12	11	5	4	3	2	2	2	3	3	3	3	3	5	5	8
7	5	5	4	4	5	5	6	7	8	6	5	6	8	7	10	12	16	17	20	19	18	16	14	15	10
8	15	18	18	10	10	10	11	12	13	12	18	7	-	5	5	6	2	2	2	2	8	3	2	0	8
9	2	0	0	1	2	2	6	-	-	8	6	6	***	7	5	4	7	7	8	7	-	-	3	3	4
10	4	3	3	2	2	2	4	4	6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
11	***	***	***	***	***	***	***	***	***	***	***	3	2	2	3	4	6	2	2	2	-	-	-	3	*****
12	2	3	3	3	4	4	8	7	10	12	6	6	6	***	22	11	9	15	5	5	6	2	3	3	7
13	2	2	2	10	4	0	0	15	9	***	0	0	0	6	13	0	***	0	10	11	14	0	0	7	5
14	10	8	0	0	0	0	2	17	6	0	***	0	4	7	6	4	5	***	0	12	12	9	0	0	5
15	0	17	12	***	0	4	13	11	0	8	4	8	9	8	7	6	10	25	18	0	6	7	7	18	9
16	17	0	0	0	5	18	13	0	6	10	13	0	2	3	9	17	8	***	0	13	10	5	***	0	7
17	1	3	7	4	2	3	0	0	8	15	14	***	4	5	10	12	19	12	0	0	0	5	10	19	7
18	2	0	1	3	3	5	7	5	6	7	6	6	4	4	5	5	5	3	2	3	2	-	-	4	4
19	0	0	3	14	6	***	0	2	5	4	7	10	-	***	***	***	***	***	10	0	0	6	12	5	5
20	6	4	***	0	11	0	0	12	11	0	3	5	0	0	3	0	13	9	***	0	2	2	6	9	4
21	***	3	11	8	0	***	0	10	7	1	0	0	0	1	1	3	3	11	10	0	0	5	12	0	4
22	0	3	5	3	5	4	7	10	22	20	0	2	5	9	9	9	8	8	2	2	3	4	6	8	6
23	9	10	10	8	12	13	15	15	16	13	10	10	10	8	***	5	6	6	6	6	7	6	7	6	9
24	6	6	8	7	6	5	7	9	9	0	0	2	3	5	6	4	2	2	2	1	1	0	5	2	4
25	1	2	0	2	2	3	3	2	0	0	3	5	5	5	1	15	0	0	4	13	5	0	0	4	3
26	4	13	3	0	0	1	2	10	8	0	0	2	3	2	4	3	5	6	6	18	0	0	3	3	4
27	9	4	8	11	18	25	7	7	17	13	9	10	8	7	5	5	7	6	8	17	11	15	14	19	11
28	21	21	20	19	19	0	4	9	12	12	10	7	6	6	5	6	7	7	7	6	7	8	8	6	10
29	7	8	8	8	8	7	9	13	20	17	13	13	11	11	11	12	12	9	8	7	4	4	5	1	9
30	0	0	0	0	3	11	0	0	2	7	13	0	3	4	4	3	9	3	11	13	0	0	9	10	4
31	12	0	0	0	5	5	0	15	8	***	3	4	5	2	3	0	3	4	4	4	15	3	0	-	4
MEAN	6	5	5	5	5	6	5	9	10	9	7	6	5	5	6	6	7	7	6	7	6	5	6	7	6.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.6	7	19
FEB	29	4.0	12	17
MAR	31	4.2	10	30
APR	30	3.9	8	27
MAY	29	4.4	11	19
JUN	28	4.7	14	28
JUL	31	5.2	11	26
AUG	31	3.6	8	24
SEP	30	3.5	8	23
OCT	30	3.4	10	19
NOV	30	3.9	8	18
DEC	28	6.3	11	25
YEAR	358	4.2	14	30

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	550	156	14	5	0	0	0	725
FEB	465	181	35	3	0	0	0	684
MAR	455	231	29	8	4	0	0	727
APR	458	219	19	4	1	0	0	701
MAY	433	235	35	6	0	0	0	709
JUN	413	211	39	17	4	0	0	684
JUL	354	326	42	11	2	0	0	735
AUG	507	182	11	1	1	0	0	702
SEP	516	165	26	4	2	0	0	713
OCT	525	168	25	7	0	0	0	725
NOV	458	219	23	2	0	0	0	702
DEC	279	247	87	38	6	0	0	657
YEAR	5413	2540	385	106	20	0	0	8464

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.4	0	0.0	1.7	2.9	4.6	8.3	10.8	14.0	16.4	30	4.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 CONS/1000 FT													
STATION - C NO 44015 BRONTE RD/WOBURN CRES. OAKVILLE												MONTH - OCT 80													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9	0	0	0	0	0	2	3	5	5	3	3	5	4	3	3	2	2	2	8	5	3	3	3	2	3
10	2	2	2	3	4	7	10	12	10	4	4	4	2	2	1	0	0	0	4	7	7	7	7	6	5
11	7	7	7	6	6	6	8	7	7	6	5	5	4	1	1	0	0	1	0	0	0	0	0	0	4
12	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0	1	0	0	0	2
13	0	2	1	1	2	0	2	0	2	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1
14	1	1	0	0	3	8	11	11	7	4	3	2	2	2	2	3	4	5	3	3	4	5	3	3	4
15	5	5	6	6	6	3	2	3	2	0	2	2	2	2	2	3	3	3	4	6	5	4	3	4	3
16	5	9	11	9	8	9	8	9	11	11	11	11	5	4	6	3	3	3	7	8	9	10	7	5	7
17	5	5	5	5	6	6	6	11	10	8	8	7	7	9	12	8	8	6	6	8	4	3	7	3	7
18	4	3	3	0	2	2	4	3	2	1	3	3	3	2	0	0	1	3	5	3	2	0	0	2	2
19	3	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	2	2	2	3	2	0	3	2	2
20	2	2	3	3	3	6	7	9	11	11	11	2	3	2	2	4	4	2	2	8	3	4	4	5	4
21	6	5	2	2	2	3	4	4	4	3	2	2	4	2	2	3	2	0	1	3	4	3	3	2	3
22	2	2	2	2	1	3	3	4	4	3	2	2	0	1	0	1	0	2	3	2	1	2	3	2	2
23	1	2	0	1	2	3	4	11	6	3	3	3	2	4	0	0	0	0	0	0	0	0	0	0	2
24	0	0	0	0	0	0	0	2	3	4	4	4	3	2	1	2	0	4	4	4	2	2	2	2	2
25	3	3	3	3	2	2	2	2	2	2	2	2	1	2	2	0	0	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0
27	0	0	0	0	0	0	2	2	3	2	2	2	2	5	3	2	3	3	4	5	5	5	4	5	2
28	5	4	5	5	5	5	9	13	11	2	2	0	4	2	2	3	3	2	2	0	0	2	2	2	4
29	3	2	2	2	1	3	3	7	4	0	2	0	2	2	2	3	3	3	2	1	1	2	2	3	2
30	3	3	3	3	2	2	4	6	4	3	3	3	2	0	3	3	2	3	4	6	5	4	3	3	3
31	4	4	4	4	4	5	4	5	5	5	4	5	2	2	0	0	2	1	1	2	3	2	0	3	
MEAN	3	3	3	2	3	3	4	6	5	3	3	3	3	2	2	2	2	2	3	3	3	3	2	2	2.8

PERCENTAGE OF DATA VALID - 73.8

PERCENTAGE OF DATA INVALID - 25.0

PERCENTAGE OF DATA UNAVAILABLE - 1.2

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 CONS/1000 FT											
STATION - C NO 44015 BRONTE RD/WOBURN CRES. OAKVILLE														MONTH - NOV 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	2	0	0	0	0	2	0	1	0	0	0	0	0	3	3	0	0		
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	5	7	6	8	9	5	
3	7	8	8	6	9	4	6	11	6	4	4	-	6	7	4	6	5	5	8	7	7	5	5	6	
4	5	2	3	2	3	4	3	5	6	3	3	3	4	4	5	4	4	5	4	2	2	3	0	1	
5	1	0	0	0	0	0	3	4	3	2	1	0	0	3	2	2	3	1	2	2	5	7	7	4	
6	3	3	3	3	3	3	4	5	5	5	5	4	5	5	5	4	5	4	3	3	3	3	3	4	
7	4	4	4	3	3	3	4	6	8	6	5	-	4	5	6	7	6	6	9	7	4	3	0	0	
8	0	0	0	0	0	0	0	0	0	0	2	2	2	0	0	0	0	4	3	3	3	2	4	1	
9	4	4	4	3	3	3	3	3	4	7	6	4	3	3	2	0	0	1	2	0	0	0	0	0	
10	0	0	0	0	0	0	3	5	2	0	0	0	0	0	0	2	2	1	1	0	0	2	1	0	
11	0	0	0	0	0	0	1	2	3	2	2	2	2	3	0	0	0	0	0	1	0	0	0	1	
12	2	0	0	1	2	4	4	6	4	0	4	-	8	4	4	4	4	0	1	3	4	5	4	5	
13	6	5	4	2	2	3	5	8	10	7	6	7	6	9	8	8	9	7	8	9	9	10	8	7	
14	8	8	9	8	5	5	3	2	0	0	2	0	0	0	0	0	2	2	3	1	2	3	1	0	
15	0	0	1	1	0	0	1	2	3	3	2	2	2	2	1	0	2	2	0	1	3	0	0	0	
16	0	0	0	0	0	0	0	2	2	3	2	3	4	4	3	2	4	6	13	6	5	5	7	6	
17	7	7	6	9	8	8	13	9	13	2	4	4	0	0	1	0	0	2	2	2	4	4	3	5	
18	2	2	0	0	0	0	0	1	3	3	4	3	3	3	2	0	0	0	0	0	0	0	0	2	
19	0	2	0	2	2	2	3	6	6	4	5	5	6	3	5	6	5	4	3	3	3	5	4	3	
20	4	3	4	3	4	5	4	10	8	9	10	8	5	5	5	7	5	3	3	3	3	3	3	6	
21	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
22	1	0	0	2	1	0	0	0	3	4	2	4	5	5	4	3	2	0	3	2	3	4	4	3	
23	4	4	4	4	4	4	4	4	4	6	7	6	8	6	6	5	6	6	4	5	6	5	5	5	
24	6	6	6	7	7	8	8	8	7	7	6	7	8	8	8	4	6	4	2	0	0	0	0	5	
25	0	0	0	0	0	0	0	1	3	0	2	1	0	0	0	2	3	4	1	1	1	0	1	2	
26	3	2	2	2	3	2	3	5	6	6	5	3	4	6	3	3	5	6	7	6	3	5	4	4	
27	-	4	7	3	2	2	3	0	1	0	0	0	1	3	2	2	0	0	0	2	2	1	2	2	
28	2	2	2	1	2	1	0	2	2	2	3	4	3	0	2	4	3	3	4	3	1	3	2	4	
29	0	2	3	0	0	0	0	2	2	2	2	2	2	0	0	0	2	0	0	0	2	2	0	0	
30	0	0	0	0	0	2	1	1	2	2	3	2	1	3	2	3	2	2	3	1	2	2	2	2	
MEAN	3	2	2	2	2	2	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	

PERCENTAGE OF DATA VALID - 97.1

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT										
STATION - C NO 44015 BRONTE RD/WOBURN CRES. OAKVILLE															MONTH - DEC 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	2	2	2	6	5	6	6	4	***	0	2	3	5	7	13	12	8	7	4	3	4
2	4	3	2	3	2	3	3	3	5	5	4	5	5	5	4	3	2	0	2	0	***	***	0	0	3
3	0	***	***	***	***	***	0	3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
4	1	0	0	1	0	0	0	2	3	6	10	5	4	4	2	0	0	3	8	5	4	5	4	3	3
5	4	3	3	3	3	3	3	5	7	9	10	5	3	***	11	0	0	0	5	9	11	8	10	9	5
6	9	8	7	7	6	5	5	5	7	8	4	3	3	2	2	1	1	2	3	5	6	6	4	3	5
7	3	4	3	4	4	4	4	4	5	5	9	5	6	8	5	5	6	8	9	15	14	12	13	4	7
8	5	6	4	3	3	3	4	7	7	5	5	4	4	4	3	1	0	0	0	0	0	0	0	0	3
9	0	0	0	0	0	2	3	7	8	5	3	1	***	***	***	0	3	4	5	5	-	-	2	1	3
10	2	3	2	2	2	0	0	1	3	2	2	3	0	2	0	1	0	0	0	0	0	***	***	0	1
11	0	1	2	0	3	***	2	7	***	***	***	***	5	5	5	5	7	5	5	6	5	-	2	3	***
12	***	***	***	***	***	***	***	***	***	***	***	***	5	5	5	5	7	5	5	6	5	-	2	3	***
13	3	2	2	2	2	0	0	0	0	0	0	0	2	0	2	0	0	2	2	2	2	6	0	3	1
14	0	2	0	2	0	0	0	0	0	0	0	0	2	2	0	0	2	2	2	2	3	4	3	3	1
15	0	3	0	2	0	1	4	6	9	2	6	4	6	9	0	1	5	7	12	12	10	8	7	7	5
16	6	5	5	3	4	5	4	5	5	3	3	3	3	2	2	2	3	3	2	3	2	4	2	2	3
17	2	2	0	0	0	1	1	2	3	2	4	7	11	8	5	5	3	2	2	4	7	4	4	1	3
18	3	3	4	4	4	3	4	2	2	1	0	0	3	0	1	0	2	0	2	2	0	-	-	-	2
19	1	0	0	0	0	0	1	2	3	0	3	0	-	-	2	2	4	4	4	2	2	2	2	1	2
20	6	0	0	0	0	3	0	0	2	0	0	2	0	2	0	0	3	3	2	0	0	2	4	0	1
21	0	0	0	0	0	0	0	1	1	3	0	2	0	0	2	3	1	0	2	1	2	0	0	0	1
22	2	4	3	3	3	2	4	9	6	6	5	5	7	5	3	3	2	1	3	1	4	8	8	4	4
23	7	7	7	7	9	9	3	11	***	13	7	8	7	7	3	5	6	4	4	5	4	5	5	5	7
24	5	6	6	5	6	6	7	7	7	2	0	0	1	1	2	0	0	4	0	3	5	4	3	6	4
25	0	2	4	0	0	5	0	0	3	2	2	9	0	6	0	3	2	0	3	2	2	2	2	3	2
26	0	3	3	2	0	0	1	3	2	2	3	2	2	3	3	1	3	3	2	2	2	2	4	3	2
27	4	3	4	4	4	4	3	5	5	5	2	7	8	7	6	4	9	5	10	9	7	7	6	7	6
28	7	7	4	5	5	5	7	7	7	4	4	4	6	6	5	4	4	5	5	6	5	5	6	5	5
29	4	4	5	4	4	5	6	10	11	8	8	6	***	9	7	7	7	6	5	8	4	2	3	2	6
30	0	0	0	0	0	0	2	1	1	2	0	2	0	2	2	2	2	2	4	4	5	6	4	4	2
31	3	3	2	2	2	3	3	3	1	0	0	0	1	0	0	2	0	2	0	3	0	2	0	-	1
MEAN	3	3	3	2	2	3	3	4	5	4	4	3	4	4	3	2	3	3	4	4	4	4	4	3	3.3

PERCENTAGE OF DATA VALID - 90.7 PERCENTAGE OF DATA INVALID - 7.7 PERCENTAGE OF DATA UNAVAILABLE - 1.6

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT									
STATION - C NO 44015 BRONTE RD/WOBURN CRES. OAKVILLE															MONTH - DEC 80									
MONTH	NO OF DAYS				AVERAGE CONCENT				24-HOUR MAXIMUM				MAXIMUM READING											
JAN													DATA UNAVAILABLE											
FEB													DATA UNAVAILABLE											
MAR													DATA UNAVAILABLE											
APR													DATA UNAVAILABLE											
MAY													DATA UNAVAILABLE											
JUN													DATA UNAVAILABLE											
JUL													DATA UNAVAILABLE											
AUG													DATA UNAVAILABLE											
SEP													DATA UNAVAILABLE											
OCT	23				2.8				7				13											
NOV	30				2.8				7				13											
DEC	28				3.3				7				15											
YEAR	81				3.0				7				15											

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 44015 BRONTE RD/WOBURN CRES. OAKVILLE

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 SOVER	TOTAL
JAN	DATA UNAVAILABLE							
FEB	DATA UNAVAILABLE							
MAR	DATA UNAVAILABLE							
APR	DATA UNAVAILABLE							
MAY	DATA UNAVAILABLE							
JUN	DATA UNAVAILABLE							
JUL	DATA UNAVAILABLE							
AUG	DATA UNAVAILABLE							
SEP	DATA UNAVAILABLE							
OCT	438	100	11	0	0	0	0	549
NOV	533	162	4	0	0	0	0	699
DEC	472	189	14	0	0	0	0	675
YEAR	1443	451	29	0	0	0	0	1923

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
87.1	0	0.0	0.9	2.1	3.5	6.3	7.7	9.3	10.7	15	3.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 45025

RITSON RD/OLIVE AVE. OSHAWA

MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	18	10	9	7	8	8	10	6	5	5	2	3	3	3	5	4	5	5	5	5	7	6	6	7
2	7	4	4	3	2	1	3	3	2	2	2	1	3	2	2	2	2	2	3	3	3	2	1	0	2
3	0	2	1	1	2	1	2	4	3	2	0	0	0	0	0	0	3	3	3	4	4	3	2	2	2
4	2	2	2	2	1	2	2	3	3	1	2	2	3	2	3	3	4	3	2	4	4	3	3	0	2
5	2	0	1	0	4	0	0	1	0	4	0	0	0	0	0	2	0	4	0	15	11	4	2	13	3
6	3	4	3	2	4	2	1	4	3	2	2	0	2	2	3	0	3	1	2	2	2	0	2	4	2
7	3	2	2	4	4	1	3	2	2	2	2	0	6	2	2	2	1	0	3	2	3	2	2	2	2
8	2	1	0	2	0	0	2	3	3	3	0	0	2	2	2	2	3	4	3	4	3	3	4	2	2
9	1	0	2	0	3	0	3	3	3	5	4	3	0	0	2	2	0	2	1	2	3	3	1	3	2
10	2	0	5	3	1	3	7	11	10	10	9	3	4	3	3	3	3	2	4	2	3	4	2	3	4
11	3	5	5	3	3	5	6	7	11	11	3	5	4	6	2	5	1	2	1	0	0	0	0	2	4
12	3	0	3	5	0	2	0	0	3	0	0	0	2	0	0	0	2	3	3	1	5	1	0	4	2
13	4	5	2	13	----	0	4	3	2	----	0	0	2	3	3	6	----	0	----	3	7	8	5	7	4
14	2	4	4	0	2	5	3	2	5	4	5	6	1	3	2	----	----	----	----	----	----	5	3	3	3
15	5	4	5	3	2	1	6	6	5	0	3	4	----	2	0	3	0	11	10	10	5	4	3	3	4
16	4	2	3	3	3	3	3	4	4	3	3	2	3	3	2	4	4	6	4	3	3	3	3	3	3
17	3	3	3	3	3	4	4	5	4	4	3	6	6	5	6	7	5	6	6	6	7	5	4	2	5
18	2	2	3	3	4	3	3	3	3	4	4	0	4	7	4	4	4	2	3	2	3	3	3	2	3
19	4	0	0	0	2	0	0	0	0	0	0	0	1	0	0	2	0	1	2	1	3	2	0	2	1
20	0	1	0	3	0	2	2	0	0	0	0	0	0	0	0	0	0	1	2	----	3	3	3	2	1
21	2	2	0	0	0	3	3	4	5	3	0	0	0	5	1	0	1	0	3	5	10	12	15	11	4
22	7	6	10	7	3	5	6	0	----	4	3	4	2	5	4	4	3	5	5	0	0	4	2	6	4
23	2	3	3	1	1	0	0	2	0	0	0	0	2	5	1	2	0	0	1	2	0	0	1	0	1
24	2	0	1	0	0	2	5	6	8	4	0	1	0	1	0	0	3	1	3	9	7	4	3	2	3
25	6	4	3	3	4	8	10	13	15	11	3	0	1	0	0	0	2	5	5	3	2	3	2	4	1
26	3	3	0	0	0	0	1	0	4	0	0	0	3	0	3	4	4	0	2	1	0	4	2	0	2
27	4	1	2	2	0	0	3	6	2	2	1	2	0	0	1	0	3	3	2	3	4	3	2	2	2
28	0	3	2	1	3	3	2	3	1	0	0	4	0	0	2	0	3	3	2	3	4	3	2	0	2
29	2	1	2	3	2	4	2	3	3	4	2	2	0	2	0	1	6	0	2	4	0	0	0	0	2
30	0	0	0	0	0	1	2	0	0	0	0	2	0	0	1	----	2	2	2	----	0	0	0	0	1
31	0	0	0	0	2	0	0	0	3	0	0	2	3	0	0	2	3	3	3	2	0	3	2	0	1
MEAN	3	3	3	3	2	2	3	4	4	3	2	2	2	2	2	2	3	2	4	3	3	3	3	2	2.7

PERCENTAGE OF DATA VALID - 97.7

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - C NO 45025 RITSON RD/OLIVE AVE. OSHAWA													MONTH - FEB 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	2	0	0	0	0	0	1	0	1	0	1	3	0	0	0	0	0	1	0	0	1	1	0	0
2	0	0	0	0	0	0	0	3	0	1	2	0	0	2	0	0	2	0	****	0	1	****	2	0	1
3	0	0	0	0	0	0	0	0	3	0	0	0	2	0	2	0	0	3	0	0	0	1	2	0	1
4	0	0	2	0	0	0	1	0	1	****	0	0	0	0	0	0	2	0	0	0	0	0	1	3	0
5	0	0	1	0	0	0	0	2	3	0	0	0	0	0	0	0	0	-	0	0	0	5	4	2	1
6	0	2	0	3	2	2	0	0	1	0	0	0	0	1	4	2	2	3	5	4	0	3	3	2	2
7	3	3	2	4	2	1	3	6	4	1	3	0	2	2	1	1	2	0	2	2	1	2	0	3	2
8	1	1	1	2	2	3	2	3	4	0	0	2	2	0	2	2	2	0	0	0	0	2	0	1	1
9	0	3	2	1	0	1	1	0	3	0	2	0	***	0	0	0	2	3	0	2	3	0	2	0	1
10	0	2	2	3	2	1	1	0	1	0	3	2	0	2	0	0	2	2	0	7	3	4	3	2	2
11	4	2	4	4	0	4	6	7	12	6	0	4	6	0	10	5	3	5	4	3	6	10	4	2	2
12	5	3	6	2	4	3	3	4	4	2	2	0	2	2	0	0	0	1	2	2	3	6	3	3	3
13	3	2	3	4	4	3	5	6	5	6	4	4	3	0	3	4	4	2	0	0	4	3	1	4	3
14	3	3	4	3	0	4	4	3	0	0	6	0	0	4	0	0	2	0	3	2	3	5	5	5	2
15	5	4	7	5	3	6	7	7	6	2	3	5	2	2	4	4	4	5	9	5	4	2	0	1	4
16	2	1	1	0	0	0	3	6	0	0	2	3	3	0	2	2	2	2	2	2	3	1	0	0	2
17	0	2	2	3	4	3	3	3	3	0	2	0	0	2	0	0	2	2	3	4	3	7	3	3	2
18	3	3	3	3	3	3	3	3	3	4	4	3	0	3	3	2	4	3	3	2	3	4	3	3	3
19	4	3	4	3	5	0	5	6	6	6	9	7	9	10	10	9	6	10	10	10	12	12	8	6	7
20	5	5	6	6	6	5	7	8	7	7	7	13	10	10	11	12	11	10	12	12	11	14	12	12	9
21	12	11	9	4	4	4	5	5	6	6	3	4	4	1	0	2	4	3	2	3	2	0	2	2	4
22	0	0	0	0	0	3	1	2	3	2	3	5	***	0	2	5	3	3	4	3	2	4	3	3	2
23	0	2	2	0	2	0	4	2	2	2	0	3	2	4	3	4	2	2	3	3	4	5	6	3	3
24	5	4	4	2	2	2	3	3	2	1	0	0	0	0	0	1	0	2	3	0	3	0	4	3	2
25	2	3	2	0	2	2	2	3	3	2	2	3	2	0	2	2	2	2	3	3	5	4	3	3	2
26	0	1	2	1	1	2	3	3	3	2	4	5	2	3	0	0	1	0	0	2	1	2	3	3	2
27	1	3	4	3	3	3	3	4	4	4	4	5	2	3	0	0	1	0	0	2	1	2	3	3	2
28	2	0	2	2	3	2	2	2	4	3	4	8	0	***	2	3	2	2	2	3	2	2	2	2	2
29	2	1	2	2	2	2	2	2	3	2	3	0	2	2	3	2	2	3	2	3	3	3	3	3	2
MEAN	2	2	3	2	2	2	3	3	3	2	2	3	2	2	2	2	2	2	3	3	3	4	3	3	2.5

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.3

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - C NO 45025 RITSON RD/OLIVE AVE. OSHAWA													MONTH - MAR 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	4	2	4	1	4	1	2	0	2	1	2	1	1	1	1	2	2	2	2	3	3	3	2	2
2	2	3	3	2	2	3	4	4	2	0	0	0	1	0	2	2	0	2	3	4	3	4	6	6	2
3	5	6	10	11	11	8	8	9	8	7	3	5	5	3	3	3	2	4	3	3	3	3	5	4	6
4	5	4	5	5	4	4	6	7	7	7	6	7	7	6	4	5	4	5	5	7	8	19	18	17	7
5	11	13	13	10	9	10	13	12	10	10	8	8	7	6	8	10	10	2	0	0	0	0	0	1	7
6	1	0	1	2	2	2	3	4	3	3	3	2	3	2	3	2	3	4	2	3	3	5	3	4	3
7	4	5	5	6	7	9	22	15	8	6	4	3	4	0	6	4	5	5	9	9	8	8	6	7	7
8	4	4	3	3	3	3	5	5	3	3	3	3	4	4	4	4	5	4	4	4	5	3	3	4	3
9	3	3	1	0	2	2	3	3	3	2	2	2	4	3	3	4	3	3	5	4	3	5	7	6	3
10	6	5	3	4	4	4	3	3	4	4	3	4	5	3	4	6	5	3	3	2	2	0	0	0	3
11	0	0	2	0	0	1	0	2	2	0	0	0	0	****	3	0	0	0	2	1	2	2	0	1	2
12	0	1	1	2	0	0	0	2	1	0	0	0	0	0	0	2	2	3	4	3	7	5	6	3	2
13	4	0	2	3	3	0	2	0	2	2	2	2	4	7	3	6	3	3	3	3	0	0	0	0	2
14	0	2	2	2	3	4	4	5	6	4	3	2	****	0	0	0	0	0	1	0	0	0	0	0	2
15	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	2	3	3	3	3	4	1
16	4	4	0	2	2	2	1	2	0	2	0	1	1	0	0	1	0	2	0	0	5	2	2	1	1
17	5	2	3	4	4	2	6	5	5	9	7	10	9	8	5	5	7	9	10	6	5	3	0	0	5
18	0	0	0	0	0	0	1	0	0	3	0	0	0	0	0	0	0	1	2	3	4	7	6	5	1
19	4	4	4	6	11	17	14	10	8	3	5	5	7	5	3	6	5	7	6	7	4	5	6	8	7
20	8	9	8	8	6	7	13	13	8	7	7	7	7	6	4	3	4	7	8	6	6	6	5	5	7
21	5	5	4	4	4	4	5	4	4	3	4	4	3	3	0	3	1	0	0	0	0	0	1	1	3
22	0	1	0	0	0	0	0	0	0	1	2	2	4	1	0	2	2	3	2	1	2	1	1	1	1
23	2	0	1	0	2	2	1	2	2	2	3	0	2	2	3	2	2	0	3	4	5	6	5	2	2
24	5	4	4	3	3	2	3	3	3	2	2	2	3	4	3	3	2	2	2	2	2	2	1	3	3
25	2	1	1	2	0	0	0	0	1	0	1	1	2	0	0	0	0	0	0	0	0	2	2	0	1
26	2	0	0	0	0	0	2	2	2	1	1	2	2	1	2	3	5	6	8	8	3	2	1	1	2
27	2	2	4	5	5	4	5	4	4	3	2	3	4	3	4	3	4	4	4	4	3	6	4	4	4
28	2	3	3	2	3	4	5	3	3	3	3	4	4	****	6	5	7	6	8	9	8	7	5	3	5
29	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	2	3	2	2	3	4	8	3	3	3
30	2	2	0	2	0	0	0	0	3	3	0	2	1	0	0	1	0	1	3	6	3	2	0	0	1
31	0	1	2	2	0	0	2	2	3	3	1	2	2	3	2	2	3	3	3	4	5	4	3	3	4
MEAN	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3.2

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 CCHS/1000 FT											
STATION - C NO 45025 RITSON RD/OLIVE AVE. OSHAWA															MONTH - APR 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	5	4	4	3	4	3	9	5	5	-	4	4	4	5	3	5	4	6	5	6	6	7	9	4		
2	4	4	4	4	4	7	8	11	5	4	2	4	0	2	...	5	2	3	4	0	1	0	2	3		
3	2	4	4	4	6	5	7	3	2	3	2	2	-	5	0	2	0	2	3	1	3	2	3	3		
4	1	2	1	2	2	4	4	7	6	4	3	4	3	4	2	2	2	0	0	0	0	0	0	0		
5	0	0	0	0	0	0	0	0	1	1	2	2	0	0	0	0	1	0	0	3	2	3	3	3		
6	3	3	3	2	1	3	2	2	4	2	0	2	0	1	0	1	0	0	3	2	3	1	0	0		
7	0	0	1	2	2	2	2	4	4	4	2	3	3	2	2	6	6	6	5	7	5	4	4	7		
8	6	5	3	2	3	3	3	3	4	3	2	3	2	3	2	4	3	3	2	2	2	2	3	-		
9	2	0	0	0	4	4	4	6	5	7	7	5	4	3	3	6	4	5	3	3	4	7	6	8		
10	8	7	4	0	0	1	2	6	4	3	2	6	4	0	3	5	4	3	5	2	2	3	3	2		
11	2	2	3	3	3	4	6	4	6	5	5	5	3	2	2	4	5	5	8	10	2	7	5	5		
12	5	6	5	5	7	4	4	4	5	5	5	8	10	9	5	5	4	4	4	4	3	0	0	0		
13	1	2	2	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	1	2		
14	0	0	0	0	0	2	2	2	2	2	2	0	3	3	0	1	3	0	2	3	0	4	1	4		
15	2	0	2	2	1	6	3	5	4	1	5	3	...	3	2	4	5	2	4	2	0	3	4	2	3	
16	0	0	0	2	0	0	0	0	2	1	0	0	0	1	1	1	1	1	0	0	0	0	2	3		
17	2	4	5	6	6	6	5	5	3	3	4	3	4	4	4	5	7	0	2	0	2	3	4	4		
18	4	3	5	5	4	11	11	4	3	4	3	3	0	6	5	5	3	4	2	2	0	0	4	1		
19	6	8	12	10	7	7	4	3	4	3	4	2	3	3	4	4	4	5	5	7	11	10	9	10		
20	12	10	8	10	6	8	10	9	7	3	2	0	0	2	0	0	0	0	2	2	1	0	0	0	4	
21	0	0	2	0	2	2	3	4	3	2	0	0	2	0	2	0	0	2	3	1	2	0	2	1		
22	0	0	0	0	3	1	3	0	3	0	1	3	2	5	3	4	0	0	5	3	2	0	0	0		
23	0	2	2	2	2	2	2	3	3	2	2	2	3	3	3	5	4	4	2	0	0	0	0	2		
24	0	0	0	0	1	1	2	2	3	2	0	0	0	1	4	5	4	3	4	3	6	4	3	2		
25	2	2	2	0	1	2	3	4	4	3	0	1	2	1	3	7	3	3	3	3	3	3	2	3		
26	4	5	11	9	10	11	4	2	3	1	2	0	1	3	3	3	0	2	3	3	3	7	9	15		
27	12	13	6	5	4	3	3	1	2	3	0	0	3	1	2	2	2	2	3	2	2	2	0	2		
28	2	2	2	2	2	0	3	4	4	4	3	1	4	6	3	3	0	4	0	5	0	0	0	0		
29	3	0	0	0	1	3	4	2	4	5	3	0	3	5	2	2	3	5	2	4	7	7	3	4		
30	2	3	0	1	2	0	10	5	3	4	7	5	...	2	6	4	3	5	4	-	4	10	7	2		
MEAN	3	3	3	3	3	4	4	4	4	3	2	2	2	3	2	3	2	3	3	3	3	3	3	3	3.0	

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - C NO 45025 RITSON RD/OLIVE AVE. OSHAWA														MONTH - MAY 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	6	2	8	6	1	6	0	0	0	0	3	2	3	3	-	4	0	4	10	0	4	3	0	3
2	0	0	0	0	2	0	1	0	3	5	6	5	2	3	4	5	0	2	0	2	3	8	5	5	3
3	6	3	6	10	10	11	5	3	1	1	4	4	5	2	3	0	2	0	0	0	0	2	0	0	3
4	0	2	1	0	0	2	3	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	2
5	7	5	3	8	11	7	10	6	5	6	8	9	4	0	6	6	6	9	8	11	7	7	8	4	2
6	3	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	4	4	4	4	5	2
7	5	2	6	4	5	9	6	5	7	4	0	4	0	2	0	3	2	0	0	0	3	0	2	3	3
8	2	0	0	2	2	3	3	3	0	2	0	***	4	4	3	4	3	3	3	2	3	0	0	1	2
9	0	2	3	0	0	2	2	0	0	0	3	2	2	1	2	2	1	0	0	0	1	2	0	2	1
10	4	0	1	3	3	3	2	2	0	3	2	2	0	2	1	2	4	2	2	2	2	0	0	1	2
11	3	2	3	3	6	4	3	4	4	3	5	3	6	4	2	2	2	0	2	0	2	1	0	3	3
12	2	7	5	10	7	7	11	9	2	***	1	3	5	7	3	3	2	2	2	3	2	2	2	1	4
13	4	3	3	7	7	9	14	8	5	3	1	5	5	3	4	2	0	2	0	0	3	0	2	4	4
14	5	0	0	1	0	3	3	4	1	2	0	1	3	2	0	0	0	2	0	0	0	0	2	1	1
15	0	0	2	0	0	4	2	1	0	0	0	1	0	2	2	1	0	2	2	0	0	2	2	0	1
16	1	2	0	2	0	0	3	5	2	3	4	3	4	4	4	5	3	3	2	3	3	7	6	6	3
17	4	3	2	0	4	3	3	0	2	3	4	2	2	2	3	2	2	2	0	4	3	3	3	2	2
18	0	3	0	0	0	1	0	1	0	3	2	7	0	4	-	3	2	3	2	0	0	0	4	2	2
19	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	4	4	2	2	1
20	0	0	0	0	0	6	3	5	3	3	3	***	***	6	8	3	7	0	2	8	3	6	7	7	4
21	7	6	4	3	2	5	5	5	3	5	5	7	5	4	4	2	4	5	5	3	8	11	13	12	6
22	9	7	4	10	18	20	13	12	10	10	9	11	11	7	6	6	6	6	5	12	12	16	16	20	11
23	15	15	10	9	15	15	9	14	8	10	6	9	11	7	9	5	10	9	7	6	6	8	5	7	9
24	2	2	2	3	6	5	4	3	4	4	6	5	5	8	9	5	7	6	0	2	2	2	3	3	4
25	3	2	1	0	0	0	1	0	2	3	2	2	0	0	0	1	0	2	0	0	0	0	0	0	1
26	0	1	2	2	0	2	0	0	0	***	0	1	0	1	0	0	0	2	3	5	0	2	4	0	1
27	0	2	3	0	1	0	0	2	3	2	4	1	3	2	0	0	3	0	2	0	0	2	0	0	1
28	0	0	0	0	2	1	3	1	0	7	3	3	5	0	3	0	3	2	0	8	9	9	4	6	3
29	2	0	2	3	2	4	3	4	3	2	2	2	2	2	1	0	2	0	2	3	0	2	5	2	2
30	0	2	0	0	0	5	3	8	7	8	7	7	7	4	7	8	8	7	7	7	7	8	6	5	5
31	3	2	2	0	0	3	3	3	4	4	3	4	3	3	3	2	0	0	0	0	0	0	0	1	4
MEAN	3	3	2	3	4	4	4	3	3	3	3	4	3	3	3	2	3	2	2	3	3	4	4	4	3.1

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX											UNITS - 0.1 CONS/1000 FT														
STATION - C NO 45025 RITSON RD/OLIVE AVE. OSHAWA											MONTH - JUN 80														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	1	2	2	0	0	2	2	0	1
2	0	0	0	0	2	2	3	5	5	6	3	4	4	7	9	5	3	5	4	4	8	13	12	5	5
3	2	0	0	1	0	2	3	3	3	4	3	1	0	1	3	0	0	0	0	0	0	0	1	0	1
4	0	1	1	0	2	2	0	0	0	0	1	0	2	2	0	2	0	0	0	2	2	1	2	0	2
5	0	0	0	0	0	2	2	0	0	3	0	0	0	2	2	0	0	3	3	5	6	4	4	3	2
6	0	2	0	1	0	3	3	3	3	9	3	5	6	3	4	4	5	2	2	4	2	3	0	0	3
7	2	3	0	2	1	0	2	0	0	3	0	3	1	0	3	3	7	5	3	4	3	5	0	2	0
8	0	3	0	4	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	1	3	7	5	4	4	4	3	1	0	0	0	0	0	2	0	2	0	0	0	0	2
10	2	7	0	0	3	3	0	4	0	0	0	0	0	2	0	2	0	0	3	3	1	5	0	0	2
11	6	0	2	0	0	0	0	0	0	2	0	4	3	3	6	4	0	0	0	0	2	5	4	5	2
12	5	7	8	6	5	8	7	2	2	4	3	0	0	0	1	0	0	2	2	4	7	0	0	0	0
13	4	2	6	1	8	7	8	6	3	5	5	3	2	4	5	5	2	0	2	6	9	7	5	4	5
14	3	4	6	6	5	4	4	0	0	0	5	4	5	4	6	5	5	6	4	5	8	7	5	5	5
15	7	5	4	5	2	6	4	5	4	4	0	5	2	1	0	0	0	0	0	0	0	0	0	0	1
16	1	0	0	0	0	2	0	2	0	0	0	3	0	0	0	4	2	0	0	0	2	2	0	0	2
17	0	4	2	0	3	7	1	0	0	5	1	0	0	2	1	2	2	0	2	2	3	4	0	0	1
18	3	4	5	5	8	8	1	5	3	4	2	5	4	2	3	3	3	0	1	5	5	6	7	8	4
19	9	6	4	3	4	6	0	2	2	3	2	1	4	0	0	0	0	0	0	0	0	0	0	0	0
20															- DATA INVALID -										
21															- DATA INVALID -										
22															- DATA INVALID -										
23															- DATA INVALID -										
24															- DATA INVALID -										
25	11	10	10	9	9	9	11	17	2	11	4	8	5	5	6	6	5	7	4	5	2	7	6	8	7
26	9	3	5	5	6	6	4	6	6	8	5	3	3	1	5	4	2	3	4	5	6	3	4	2	5
27	2	1	1	4	3	4	0	8	5	3	3	0	4	4	3	3	1	0	0	0	2	3	1	0	2
28	0	0	0	1	0	2	0	0	2	0	1	0	2	2	0	2	2	0	0	0	2	1	1	0	1
29	2	0	2	0	0	3	3	3	0	2	1	2	2	0	0	5	3	6	3	0	1	2	0	0	2
30															- DATA INVALID -										
MEAN	3	3	2	2	3	4	3	3	2	4	2	2	2	2	3	3	2	2	2	3	3	4	3	3	2.6

PERCENTAGE OF DATA VALID - 78.8

PERCENTAGE OF DATA INVALID - 21.1

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 CONS/1000 FT												
STATION - C NO 45025 RITSON RD/OLIVE AVE. OSHAWA													MONTH - JUL 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1														- DATA INVALID -											
2														- DATA INVALID -											
3	0	0	0	0	0	6	2	0	5	0	3	5	2	3	2	5	5	4	2	3	8	6	6	3	3
4	2	4	6	4	7	8	3	3	7	6	5	6	1	6	5	8	5	6	5	6	6	7	8	5	5
5	8	7	6	10	7	5	5	6	4	4	2	3	5	5	4	3	2	0	0	0	0	0	0	0	4
6	2	0	0	0	1	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	0	0	1	4	1
7	2	0	2	1	1	5	3	4	5	10	6	5	4	2	2	5	2	2	0	4	3	3	0	4	3
8	6	5	4	5	4	6	6	7	7	6	5	5	3	8	4	7	4	3	0	2	0	3	6	0	4
9	0	2	0	4	0	3	4	7	15	3	0	9	7	6	9	7	13	0	0	0	6	13	3	3	5
10	4	2	4	2	4	5	6	4	3	5	7	4	6	5	4	3	4	4	5	5	4	4	5	10	5
11	10	5	4	5	3	5	6	5	7	6	5	6	6	6	2	2	1	2	2	2	1	0	1	0	4
12	0	3	1	2	0	0	0	1	3	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1
13	0	1	0	0	0	4	0	0	0	0	1	5	3	0	0	3	0	0	2	4	2	0	0	5	1
14	2	2	2	1	2	9	6	5	3	6	5	4	3	3	2	2	0	0	3	3	2	0	2	2	3
15	3	1	4	6	3	10	8	9	8	7	5	4	4	3	4	6	7	6	4	3	3	1	2	4	5
16	6	3	2	2	0	2	2	0	2	5	0	2	3	2	0	11	6	8	1	0	6	1	13	15	4
17	2	3	4	4	0	0	8	2	3	5	4	7	2	1	0	3	0	2	0	0	1	0	3	3	2
18	2	0	0	0	0	2	2	5	5	5	4	3	2	2	0	2	0	3	4	3	2	3	3	3	2
19	4	3	2	2	3	7	6	4	4	3	3	5	4	3	4	3	3	3	5	4	4	3	3	5	4
20	2	0	1	2	3	3	2	4	3	5	4	3	3	3	3	4	3	3	4	4	4	7	5	3	3
21	2	0	0	3	2	2	3	3	4	0	2	3	7	3	4	0	4	0	0	0	0	10	2	2	2
22	0	0	0	3	1	0	4	3	5	6	9	0	6	5	7	1	2	2	1	2	3	2	-	-	3
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0	0	0	0	0	0	0	0	0
24	0	1	0	0	0	1	2	3	1	5	5	6	8	6	3	2	3	2	3	4	5	4	2	2	3
25	3	3	4	3	6	5	5	6	5	3	4	3	3	3	4	5	3	2	3	4	5	6	6	3	4
26	3	3	6	6	3	4	4	3	2	3	2	2	3	4	3	5	3	4	3	3	3	3	3	3	3
27	2	2	2	2	3	3	2	2	2	2	2	3	3	3	3	3	4	3	3	3	4	3	3	3	3
28	3	2	2	2	3	3	3	4	5	5	2	3	3	3	-	1	3	3	3	-	-	-	3	3	3
29	1	0	2	2	2	0	1	1	2	2	0	3	3	4	4	4	3	2	5	2	3	9	2	3	3
30	2	2	1	0	2	5	8	4	10	7	0	4	0	0	8	3	9	12	2	2	1	0	0	0	3
31	11	0	0	10	4	15	0	9	5	7	3	4	4	5	4	2	3	3	2	3	2	1	3	3	4
MEAN	3	2	2	3	2	4	4	4	4	4	3	4	3	3	3	4	3	3	2	3	3	3	3	3	3.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - C NO 45025															RITSON RD/OLIVE AVE. OSHAWA										
MONTH - AUG 80																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	8	3	2	2	0	2	5	5	4	***	9	8	7	3	3	3	7	5	3	2	2	5	4
2	4	6	5	7	7	14	3	6	0	0	3	2	6	2	3	2	2	2	0	0	1	0	2	0	3
3	0	1	0	0	1	2	1	2	2	2	1	2	3	2	1	0	0	2	0	0	0	0	0	0	1
4	0	0	0	2	0	2	0	3	2	2	0	0	0	1	0	1	0	1	3	0	2	1	2	0	3
5	0	0	0	0	1	3	4	5	4	5	5	7	5	5	5	5	5	4	5	0	2	1	0	0	1
6	2	2	2	3	4	4	6	4	3	2	9	8	6	7	6	9	4	***	***	1	3	2	3	3	4
7	3	3	9	11	7	8	6	9	14	8	8	7	5	3	3	3	3	3	2	1	1	1	1	1	5
8	4	3	2	2	4	3	12	6	5	6	5	6	7	5	3	4	5	7	5	4	0	1	1	2	4
9	3	1	3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
10	0	0	0	0	***	2	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0	2	1	0	0
11	0	0	0	0	0	0	0	2	2	0	3	0	3	3	2	5	***	3	1	2	1	2	3	2	1
12	0	0	0	1	0	1	2	3	3	5	6	5	0	3	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	2	2	0	0	0	0	0	0	4	3	2	2	***	***	6	3	2	2	3	2
14	2	3	3	3	3	7	20	20	11	12	7	6	5	4	3	3	5	4	1	0	1	2	0	0	5
15	0	2	0	0	0	0	0	0	1	0	1	0	2	0	2	2	2	2	1	0	2	0	0	0	1
16	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
17	0	2	0	2	0	0	0	0	0	0	0	0	2	0	2	0	0	2	0	0	3	0	2	1	1
18	0	0	0	0	2	4	5	3	7	5	***	8	6	12	7	7	14	4	2	3	2	4	3	2	4
19	2	3	3	3	8	7	***	***	9	9	6	5	7	0	5	7	4	6	4	5	2	1	2	2	5
20	2	0	4	2	3	7	3	3	4	3	3	4	5	5	2	4	3	4	2	3	3	3	2	0	3
21	1	2	-	***	2	2	3	3	2	3	***	0	6	3	6	3	2	3	2	2	1	2	3	3	3
22	3	3	2	3	7	9	6	4	5	6	4	5	4	4	6	4	3	5	5	4	4	5	3	3	4
23	4	3	2	2	2	2	2	2	1	2	2	2	2	4	3	2	2	2	2	3	3	1	0	0	2
24	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	1	0	0	2	1	3	3	3	2	1
25	2	2	2	4	3	8	5	10	14	8	6	5	8	***	4	2	3	4	5	7	5	5	5	5	5
26	4	5	4	4	5	7	17	-	7	7	12	14	7	7	4	6	3	5	1	2	5	4	13	4	6
27	6	7	14	7	2	9	6	17	15	15	8	10	6	6	6	6	5	5	6	6	5	3	2	0	7
28	0	0	0	0	0	2	3	3	4	3	3	3	3	2	7	4	3	3	3	5	3	4	2	3	3
29	3	3	2	3	2	2	2	3	2	5	4	4	4	0	4	3	6	3	3	4	3	3	1	2	3
30	2	0	1	2	3	2	3	3	3	4	4	5	2	2	2	3	4	3	3	4	5	8	4	3	3
31	3	3	4	3	5	4	4	3	3	1	2	2	2	0	2	3	3	3	2	3	3	3	2	1	3
MEAN	2	2	2	2	3	4	4	4	4	4	4	4	4	3	3	3	3	3	2	2	2	2	2	2	2.9

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - C NO 45025															RITSON RD/OLIVE AVE. OSHAWA										
MONTH - SEP 80																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	1	2	2	2	2	1	2	2	1	1	2	1	2	2	2	2	2	2	0	2	5	2	2
2	3	0	2	0	1	3	4	4	4	3	5	5	***	3	4	17	3	17	0	3	5	8	2	3	4
3	9	0	0	***	2	3	14	3	1	0	10	4	5	0	15	9	8	8	7	6	5	4	0	2	5
4	5	0	0	5	***	2	1	1	2	6	***	***	5	4	5	5	5	4	7	-	4	5	6	5	4
5	6	7	5	4	4	6	7	4	2	5	4	4	4	3	0	1	1	2	0	2	4	8	5	4	4
6	4	4	3	3	6	5	3	6	3	2	1	0	0	2	0	0	0	2	1	1	2	3	3	2	0
7	3	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	2	1	0	0	0
8	0	0	0	4	3	3	4	5	6	3	2	2	2	2	2	2	1	0	4	7	6	5	3	3	3
9	3	3	1	3	3	4	6	9	4	4	3	***	4	5	5	2	2	0	0	1	0	0	0	1	3
10	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	1	2	4	2	3	1
11	2	3	6	5	6	3	3	2	5	4	6	4	3	2	2	2	3	2	0	0	8	3	3	3	3
12	2	2	0	0	0	0	0	2	0	0	0	2	2	3	3	4	3	3	6	5	6	2	2	2	2
13	0	0	0	0	0	0	0	0	0	0	2	0	2	3	2	3	2	2	2	3	2	2	2	2	1
14	3	4	4	5	1	4	4	3	4	3	2	2	0	0	0	0	0	0	3	2	3	2	0	0	2
15	0	0	0	0	0	0	1	-	0	0	2	0	2	0	0	3	0	0	3	8	9	6	4	3	2
16	3	3	1	3	4	5	7	3	2	3	7	6	4	5	7	5	5	6	4	5	5	3	4	3	4
17	3	4	3	4	3	6	8	7	5	4	3	2	2	0	0	2	1	0	1	0	0	0	0	2	3
18	2	1	0	2	2	5	6	3	2	2	2	4	0	0	0	0	1	1	6	7	6	6	5	3	3
19	1	2	1	4	6	8	14	8	2	1	0	1	0	0	0	2	3	4	7	9	7	6	6	4	4
20	3	4	4	5	6	9	8	7	5	5	5	7	5	5	6	4	4	3	2	3	2	3	2	2	5
21	1	2	3	4	2	1	1	0	1	2	0	1	0	2	2	2	3	5	4	2	3	4	1	0	2
22	0	0	0	0	0	0	0	0	2	2	0	4	0	4	4	4	5	7	4	1	3	1	5	2	2
23	0	1	1	0	0	0	0	1	0	0	0	0	0	1	0	2	2	2	2	4	0	1	2	0	1
24	3	0	1	0	0	0	3	3	0	1	1	0	1	2	2	2	2	3	2	3	4	3	2	1	2
25	0	1	0	2	0	2	4	5	4	3	7	6	3	4	4	5	8	8	6	7	6	6	4	4	4
26	4	3	2	3	2	0	3	0	0	2	0	1	1	0	0	0	0	1	0	0	0	0	0	0	1
27	0	0	0	0	0	-	3	3	4	2	0	2	1	1	0	2	3	2	3	3	3	3	3	3	2
28	3	3	2	2	2	3	3	2	0	0	0	0	0	0	0	0	0	0	3	5	4	3	0	2	2
29	0	3	0	0	1	2	3	3	2	3	***	0	2	0	3	3	5	7	9	6	7	5	5	5	3
30	4	5	4	7	9	15	14	13	11	8	6	6	5	6	6	-	7	10	8	7	8	8	8	8	8
MEAN	2	2	1	2	2	3	4	3	3	2	3	2	2	2	2	3	3	4	3	4	4	4	3	3	2.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - C NO 45025 RITSON RD/OLIVE AVE. OSHAWA													MONTH - OCT 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	6	5	6	9	11	12	13	6	5	7	4	7	3	4	4	3	7	3	5	4	4	7	6
2	5	0	0	2	0	1	3	3	3	4	4	0	2	3	4	4	4	3	3	2	3	2	4	2	2
3	5	8	5	13	4	12	3	6	3	3	2	0	0	3	2	4	0	3	5	4	2	3	2	2	4
4	1	4	4	3	6	5	6	4	4	2	2	4	3	2	0	0	1	0	0	0	0	1	2	0	2
5	1	0	0	2	1	0	0	1	0	0	0	0	0	1	1	0	2	0	4	3	2	1	2	2	1
6	4	8	4	3	4	6	7	8	3	2	4	2	3	3	3	2	0	7	3	5	4	5	5	4	7
7	5	6	4	3	5	6	8	9	6	6	4	5	3	4	4	5	6	8	10	12	13	12	15	15	7
8	11	9	8	7	9	14	9	7	3	-	-	5	6	0	5	2	4	1	2	3	2	1	0	3	5
9	1	0	2	3	3	3	5	5	0	0	0	0	0	2	0	0	2	2	4	6	6	3	3	5	2
10	3	3	0	3	3	6	8	10	2	0	2	2	4	2	0	4	0	1	3	5	3	5	5	0	3
11	3	3	2	3	4	3	4	7	6	3	5	6	7	4	4	2	0	2	4	2	3	3	4	3	4
12	2	0	0	2	0	2	2	2	0	3	0	0	2	0	2	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	3	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	2	0	0	0
14	0	0	1	0	0	4	5	6	3	1	0	2	0	1	2	3	4	6	6	10	7	8	11	7	4
15	4	3	3	2	0	4	2	4	2	2	4	3	3	3	5	5	4	5	2	7	3	3	3	3	3
16	2	2	4	2	1	4	4	7	6	6	4	4	0	8	7	10	7	7	9	9	8	6	8	3	5
17	5	4	3	7	5	8	8	14	8	13	12	12	9	8	8	7	6	4	6	7	6	4	3	3	7
18	5	3	2	0	2	0	1	0	0	2	2	3	0	0	0	3	0	3	1	0	1	0	0	0	1
19	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	4	4	7	5	3	3	3	1
20	0	0	0	0	0	2	3	2	0	0	0	1	0	0	2	0	2	3	4	3	4	2	2	4	1
21	4	4	3	5	10	6	6	7	7	5	5	5	5	3	2	3	0	0	0	0	0	0	1	3	3
22	3	4	2	5	6	9	9	11	7	2	2	2	1	0	2	1	0	0	0	0	2	0	1	0	3
23	1	0	0	0	2	4	6	8	1	0	6	2	3	3	3	3	3	7	8	6	4	5	6	3	4
24	3	2	2	1	2	3	4	6	3	0	2	3	5	3	3	3	3	3	2	3	2	2	3	4	3
25	2	2	3	3	2	4	2	3	3	0	3	2	1	2	3	3	2	3	2	0	0	0	1	0	2
26	0	0	0	0	0	1	0	1	2	2	0	1	2	0	0	0	0	0	0	0	0	2	0	0	0
27	0	0	1	0	0	1	1	2	2	2	2	2	2	0	0	1	2	3	3	7	5	6	4	2	0
28	6	5	4	5	4	5	5	5	3	2	0	0	0	0	1	2	0	0	0	0	1	1	2	-	2
29	2	0	0	3	0	0	2	4	2	3	1	1	1	2	1	2	2	3	3	2	3	2	3	2	2
30	2	0	1	3	2	5	3	3	3	6	2	2	3	3	4	5	3	4	3	3	4	4	5	4	3
31	3	3	3	3	4	3	5	4	5	5	6	5	5	3	2	2	2	2	2	3	0	3	0	0	4
MEAN	3	3	2	3	3	4	4	5	3	3	3	3	2	2	2	3	2	3	3	4	3	3	3	3	3.0

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - C NO 45025 RITSON RD/OLIVE AVE. OSHAWA													MONTH - NOV 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	1	2	0	0	0
2	1	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	3	9	11	10	12	10	9
3	6	4	3	4	5	4	9	9	6	5	4	3	4	4	4	5	5	6	9	11	7	7	5	2	5
4	4	4	3	2	2	3	3	2	2	2	2	2	5	4	4	5	3	1	2	2	2	2	0	0	3
5	0	0	0	2	0	0	0	2	2	0	0	0	0	2	1	0	0	2	1	4	2	2	4	4	1
6	4	5	3	3	3	5	6	7	3	3	2	3	3	4	3	3	4	4	3	3	7	4	4	4	7
7	3	3	5	6	6	6	15	16	13	7	9	0	7	6	9	10	10	7	7	6	7	3	2	0	7
8	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	3	4	13	13	6	3	0	2
9	0	2	2	2	0	0	2	2	1	6	6	4	4	3	2	2	2	2	2	2	2	0	0	0	2
10	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	2	3	0	0	0	0	0	0
11	0	0	0	2	0	0	0	1	0	1	0	0	0	3	1	2	2	2	2	2	2	2	1	0	1
12	0	0	0	0	0	2	0	2	0	0	0	0	1	0	1	1	3	3	3	3	3	4	4	1	1
13	4	4	3	8	9	10	7	7	5	5	5	6	5	0	3	8	13	14	10	8	9	12	11	6	7
14	6	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	2	0	2	3	6	6	6	4	4	5	3	3	4	2	0	2	2	2	1	2	2	2	1	3	3
16	1	2	1	0	0	2	1	2	0	0	0	1	0	0	0	0	0	3	8	14	11	13	11	5	3
17	5	4	5	5	4	3	7	8	7	5	-	3	3	4	3	2	2	1	2	0	1	2	2	10	5
18	4	2	3	3	0	0	0	3	3	1	0	2	2	0	0	1	1	5	1	1	0	0	1	1	1
19	0	0	0	3	2	6	7	10	13	8	3	4	2	2	3	4	4	6	4	5	5	5	4	5	4
20	6	4	9	11	10	10	5	10	13	7	7	7	7	5	4	5	6	6	7	4	5	8	10	7	7
21	3	4	4	10	0	2	6	4	5	0	4	3	4	5	5	4	.....	2	0	2	0	3	.....	0	3
22	0	0	0	0	3	0	0	3	0	2	3	0	1	3	2	3	3	3	3	2	4	5	4	4	2
23	3	4	4	3	4	5	3	8	11	6	6	6	5	7	3	4	5	5	5	4	3	4	5	5	5
24	7	5	6	5	5	6	7	7	8	6	5	5	4	4	4	3	5	6	4	5	4	2	0	2	5
25	0	0	0	0	0	0	2	3	7	4	2	4	2	.....	2	1	2	2	2	3	0	3	7	7	2
26	7	4	3	5	5	5	5	9	6	3	3	2	2	1	2	2	3	8	19	21	25	22	20	18	8
27	-	4	5	3	2	3	4	3	3	3	1	2	1	3	9	8	8	3	3	2	2	2	2	3	3
28	3	3	3	2	0	2	4	5	4	3	2	3	4	6	5	5	5	4	4	7	7	5	4	8	4
29	6	6	4	4	3	2	2	5	3	3	2	4	5	3	1	2	2	4	3	4	4	2	3	3	3
30	4	0	2	2	2	2	2	2	2	1	0	2	1	0	2	3	3	3	4	4	8	8	7	4	3
MEAN	3	2	2	3	2	3	4	5	4	3	2	2	3	2	3	3	3	4	5	5	5	5	5	4	3.4

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - C NO 45025 RITSON RD/OLIVE AVE. OSHAWA														MONTH - DEC 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	5	5	6	6	8	9	9	9	8	5	4	3	3	10	11	8	11	11	11	9	6	2	5
2	3	1	2	3	3	4	4	8	8	9	8	9	0	7	7	8	7	4	1	2	2	5	6	3	5
3	17	13	12	3	0	0	1	2	2	2	1	1	1	0	1	2	2	2	5	3	1	3	3	2	3
4	0	1	0	0	0	2	5	6	3	3	2	3	1	0	2	3	5	4	5	4	12	-	11	4	3
5	3	1	1	1	0	2	4	6	5	2	1	4	5	5	6	3	7	13	21	22	13	9	16	14	7
6	10	8	6	6	9	9	10	8	3	2	3	3	3	3	4	3	3	3	4	3	4	4	3	1	5
7	3	3	2	0	2	4	2	3	3	3	3	3	5	5	6	5	7	6	10	9	16	18	20	23	7
8	17	21	11	12	9	11	11	10	11	13	13	14	10	8	5	5	3	0	2	0	0	0	1	2	8
9	1	0	2	0	0	5	6	8	8	4	3	14	0	8	5	7	6	6	7	7	-	-	5	7	5
10	7	8	6	5	5	4	4	5	3	4	2	2	***	3	1	2	2	3	2	3	9	4	0	2	4
11	1	0	1	0	3	4	7	16	17	13	6	6	0	0	0	0	7	2	4	3	-	-	-	4	4
12	4	5	5	9	7	6	10	21	20	14	6	4	6	10	9	11	12	9	9	11	16	8	6	6	9
13	2	4	2	3	2	0	2	0	0	2	1	0	0	0	0	2	3	4	6	6	7	7	5	2	3
14	1	0	0	1	0	2	2	0	3	1	0	0	2	1	0	4	0	3	3	2	4	10	2	2	2
15	3	3	3	3	3	7	14	10	9	9	5	5	0	0	3	5	8	8	6	5	4	3	6	0	3
16	2	4	3	4	0	4	4	4	5	4	2	2	0	3	3	4	3	6	4	3	6	3	2	4	4
17	3	0	0	0	0	2	3	2	5	5	5	7	5	8	3	9	4	4	2	3	6	4	-	-	2
18	2	2	1	3	3	4	3	2	2	4	0	0	0	0	1	3	3	3	3	0	0	-	-	-	2
19	0	0	0	0	2	0	0	0	3	3	2	0	-	-	1	2	2	3	4	4	6	5	9	5	2
20	4	3	4	7	4	1	3	3	2	3	2	1	0	0	1	4	3	5	6	7	8	8	5	4	4
21	4	2	1	2	2	0	2	2	3	3	3	0	3	3	4	3	4	5	13	6	5	5	7	4	4
22	11	11	11	12	11	15	22	7	7	7	6	5	8	7	7	10	7	7	5	7	4	4	4	7	8
23	5	6	6	5	7	5	14	9	13	15	12	11	9	7	3	6	6	6	6	8	7	11	6	3	8
24	4	8	7	7	7	8	7	***	0	0	2	3	0	1	2	0	0	2	0	2	2	2	1	3	3
25	0	1	2	2	1	2	3	3	2	3	4	3	4	7	7	9	11	21	22	24	25	35	36	20	10
26	12	11	9	8	4	1	1	3	3	1	4	4	5	4	4	6	6	9	8	9	9	9	10	6	6
27	9	11	16	13	12	20	11	10	11	4	4	4	3	4	4	3	3	4	3	5	6	5	4	3	7
28	5	3	3	2	5	3	6	12	8	13	11	4	4	5	5	2	5	7	7	8	7	8	7	7	6
29	7	8	13	10	7	8	7	10	13	13	10	9	6	9	8	7	7	7	5	5	6	4	4	3	8
30	0	0	0	0	0	0	0	2	3	1	0	0	0	3	2	2	5	2	6	8	8	14	6	5	3
31	4	2	2	2	1	1	0	4	0	5	3	4	2	2	3	5	3	6	3	5	5	4	4	-	3
MEAN	5	5	4	4	4	5	6	6	6	6	4	4	3	4	3	5	5	6	6	7	7	7	7	5	5.1

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 45025 RITSON RD/OLIVE AVE. OSHAWA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.7	7	18
FEB	29	2.5	9	14
MAR	31	3.2	7	22
APR	30	3.0	6	15
MAY	31	3.1	11	20
JUN	23	2.6	7	17
JUL	28	3.1	5	15
AUG	31	2.9	7	20
SEP	30	2.7	8	17
OCT	31	3.0	7	15
NOV	29	3.4	8	25
DEC	31	5.1	10	36
YEAR	355	3.1	11	36

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - C NO 45025 RITSON RD/OLIVE AVE. OSHAWA

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	616	95	14	2	0	0	0	727
FEB	589	83	15	0	0	0	0	687
MAR	561	163	12	4	1	0	0	741
APR	564	136	11	0	0	0	0	711
MAY	550	161	20	5	0	0	0	736
JUN	436	122	8	1	0	0	0	567
JUL	511	163	9	0	0	0	0	683
AUG	568	141	15	4	0	0	0	728
SEP	559	141	7	2	0	0	0	709
OCT	561	154	18	0	0	0	0	733
NOV	512	165	19	4	4	0	0	704
DEC	408	243	54	13	10	2	0	730
YEAR	6435	1767	202	35	15	2	0	8456

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.3	0	0.0	0.9	2.1	3.4	6.4	8.5	11.3	13.5	36	3.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - SE NO 51001 McDONALD GDM RIDEAU/WURTEMBERG ST. OTTAWA

MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	1	0	0	0	0	0	0	0	0	2	0	1	3	4	3	3	3	2	2	3	2	2
2	2	0	0	0	0	0	0	2	2	0	0	0	0	0	1	0	2	2	2	3	2	0	0	0	1
3	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1	2	1	1	1	0	0	0
4	0	0	0	0	0	0	2	2	2	2	2	1	2	3	3	4	4	5	6	4	3	4	5	4	2
5	3	3	2	2	1	2	2	2	2	2	2	0	1	0	0	0	1	0	0	0	0	0	0	2	1
6	1	1	0	0	0	0	0	0	1	0	1	2	1	2	2	2	2	3	3	2	2	2	2	2	1
7	2	2	3	3	2	2	2	3	2	2	2	2	2	1	0	0	2	1	1	1	1	2	0	1	2
8	0	0	***	0	0	0	1	2	2	0	0	1	1	0	0	1	3	2	1	1	1	1	2	0	1
9	0	0	0	0	0	0	1	2	1	0	***	0	0	1	1	1	2	0	1	2	3	3	2	3	1
10	4	1	1	2	2	2	2	3	4	3	4	5	6	3	2	2	2	2	2	1	2	2	1	1	2
11	1	0	2	2	1	2	2	2	3	3	3	4	3	2	2	2	2	1	1	0	0	0	0	0	2
12	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	1	0	1	0
13	2	2	1	1	0	0	0	1	0	0	1	0	0	0	1	0	1	1	2	1	2	2	2	2	1
14	2	3	2	2	2	2	5	3	2	2	3	3	4	4	4	7	9	9	9	10	9	6	5	5	5
15	5	3	3	4	3	3	2	7	4	0	0	0	1	1	0	1	0	2	0	0	2	3	3	2	2
16	2	2	2	2	0	0	1	1	0	0	0	1	1	1	0	1	0	2	0	0	1	1	1	1	1
17	1	1	0	0	0	0	1	1	2	1	1	1	1	1	2	1	2	2	2	1	2	2	2	2	1
18	2	2	3	2	3	4	6	6	11	6	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3
19	2	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	***	0	0
20	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	2	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	3	3	6	8	4	1
22	3	5	7	5	4	3	3	3	3	2	2	4	2	***	2	3	3	3	2	3	3	3	3	3	3
23	2	2	3	3	3	3	4	2	1	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1
24	0	0	0	0	0	0	0	2	2	0	1	1	0	0	1	1	2	2	2	3	4	2	4	2	1
25	3	2	2	0	5	6	2	2	2	2	2	1	0	1	0	2	2	2	2	2	2	3	3	2	2
26	2	2	1	0	0	1	1	2	2	1	0	0	1	0	0	0	1	2	2	2	1	0	1	1	1
27	1	0	1	0	1	0	0	1	2	2	0	0	0	0	0	0	0	1	3	3	4	7	6	3	1
28	2	2	3	3	2	3	2	2	2	0	0	0	0	0	0	0	0	1	2	2	2	1	0	0	1
29	0	0	0	0	1	2	2	2	3	0	0	1	0	0	0	0	1	0	2	0	0	0	0	0	1
30	0	0	0	0	1	0	2	2	2	0	0	0	0	0	0	1	2	2	1	-	1	0	0	0	1
31	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1.4

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - SE NO 51001 MCDONALD GDN RIDEAU/MURTEMBERG ST.OTTAWA															MONTH - FEB 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	2	0	0	0	1
4	0	0	0	0	0	0	2	3	1	0	0	0	0	0	0	0	-	-	0	2	4	2	3	2	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3	7	6	4	5
6	2	2	2	2	1	1	2	2	2	3	3	3	2	3	1	2	3	3	4	3	3	3	2	1	3
7	6	7	7	5	3	2	2	2	3	2	1	1	1	2	2	0	3	3	3	3	3	3	3	3	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	2	3	3	4	3	2
9	1	0	1	2	0	0	2	0	0	0	0	0	1	1	0	0	1	1	1	2	3	3	4	3	2
10	2	2	2	1	2	0	1	2	0	0	1	0	0	1	0	0	0	0	0	2	2	3	3	4	4
11	4	4	4	4	3	3	3	5	5	9	11	8	4	7	2	2	2	2	3	4	4	1	1	7	7
12	2	2	2	2	2	3	3	4	3	2	2	2	1	0	0	0	0	2	2	1	2	2	2	3	2
13	3	2	3	2	0	3	2	3	3	3	3	2	1	0	0	1	2	2	2	2	2	2	2	3	2
14	2	2	2	2	2	2	2	2	3	2	1	1	2	1	1	1	2	2	2	2	0	0	0	2	2
15	0	0	0	0	0	2	2	2	1	0	0	0	1	0	0	0	0	0	1	2	2	1	1	0	0
16	2	2	1	2	2	2	2	2	1	0	0	0	0	0	0	0	0	2	2	2	2	2	1	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	2	1	0	0	0
18	1	1	1	0	0	0	0	2	2	2	2	1	0	1	1	1	1	2	2	2	2	2	2	2	1
19	2	2	2	2	2	2	2	3	3	3	3	2	2	2	1	1	2	0	0	0	0	0	1	1	2
20	1	2	1	1	2	2	2	2	2	6	4	2	3	3	3	3	3	5	4	5	5	6	5	4	3
21	3	3	3	3	3	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
22	0	0	0	0	0	0	0	1	1	2	0	2	0	1	2	2	3	3	1	1	2	1	1	2	1
23	2	2	1	0	1	2	2	2	2	1	0	0	0	0	0	0	0	1	0	2	4	5	7	5	2
24	4	3	2	2	2	1	0	2	2	2	2	3	2	2	0	1	0	0	0	0	0	0	0	0	1
25	0	0	0	0	0	1	0	2	0	0	2	0	0	1	0	1	0	0	0	0	0	0	0	1	0
26	0	0	0	0	1	0	1	2	1	1	0	1	0	2	1	1	0	2	3	3	4	11	6	6	2
27	7	4	3	3	3	2	2	2	2	2	1	1	2	2	2	0	2	3	2	2	3	4	2	1	2
28	1	2	2	0	0	1	2	2	1	0	0	0	0	0	0	0	0	1	0	1	2	0	1	0	1
29	1	2	0	1	2	0	0	1	0	0	0	0	0	0	0	0	1	2	0	0	1	2	1	1	1
MEAN	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1.3

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - SE NO 51001 MCDONALD GDN RIDEAU/MURTEMBERG ST.OTTAWA															MONTH - MAR 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	2	2	3	4	3	
2	4	2	2	2	1	0	3	3	3	2	2	1	0	0	1	0	2	3	3	2	2	3	5	3	2
3	4	6	6	6	6	5	6	7	7	9	7	4	2	1	2	0	1	2	2	2	2	2	2	2	4
4	2	1	2	1	2	2	2	3	3	2	2	2	3	2	2	1	2	2	2	2	2	3	3	3	2
5	4	4	5	4	5	3	4	4	4	3	3	3	4	3	3	3	4	4	4	5	5	4	2	0	4
6	0	0	0	0	0	1	0	0	0	0	3	0	1	1	0	0	1	1	1	2	1	0	2	0	1
7	1	0	1	0	1	2	2	1	2	2	0	0	0	2	0	0	0	0	2	4	3	3	3	4	1
8	4	3	2	2	2	2	2	3	2	1	0	0	0	1	0	2	2	2	2	2	3	3	2	2	2
9	1	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	1	1	1	2	0
10	2	2	2	2	2	2	2	3	3	3	0	2	2	...	1	2	2	2	2	2	0	0	0	0	2
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	...	0	0	0	0	0	0	0	0	0	2	2	1	3	2	1
13	3	3	2	2	2	2	1	2	1	0	...	...	0	1	0	0	0	2	1	0	0	2	0	0	0
14	1	0	0	0	0	0	0	0	1	0	1	0	0	1	2	1	1	1	1	0	1	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
16	0	1	1	2	1	0	0	0	0	0	2	2	2	2	2	1	0	0	2	0	0	0	2	2	1
17	1	2	2	1	2	0	1	2	2	2	2	2	1	2	2	0	7	7	1	1	2	2	0	0	1
18	2	2	0	0	0	0	0	0	2	2	1	1	0	0	0	0	0	0	3	3	1	1	4	4	1
19	3	3	0	0	1	1	2	2	0	0	0	0	2	2	0	1	3	3	1	1	5	5	1	1	2
20	1	1	2	2	6	6	2	2	3	3	3	3	0	0	1	1	3	3	1	1	5	5	1	1	2
21	4	4	8	8	1	1	0	0	2	2	2	2	2	2	5	5	1	1	0	0	2	2	5	5	3
22	0	0	0	0	1	1	2	2	1	1	4	4	0	0	0	0	2	2	3	3	2	2	13	13	2
23	2	2	2	2	1	1	1	1	3	3	2	2	0	0	0	0	0	0	5	5	2	2	0	0	2
24	1	1	1	1	5	5	2	2	2	2	0	0	0	0	2	2	2	2	1	1	2	2	2	2	2
25	3	3	0	0	2	2	1	1	1	1	2	2	1	1	2	2	1	1	0	0	0	5	5	5	2
26	1	1	0	0	2	2	2	2	3	3	1	1	1	0	0	0	1	2	2	1	2	1	2	1	1
27	0	2	2	1	2	2	3	3	2	2	1	0	2	1	1	0	1	2	3	4	5	6	5	5	2
28	9	6	5	5	5	6	11	11	10	11	3	2	2	1	0	2	0	2	3	5	3	4	2	3	5
29	3	3	3	2	2	2	2	2	1	1	2	0	1	1	1	2	2	2	2	3	7	9	8	5	3
30	5	3	2	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	3	2	3	3	2	2	1
31	2	3	3	3	4	2	2	1	1	0	2	0	1	1	0	2	0	2	2	2	3	3	8	6	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	3	3	3	1.7

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - SE NO S1001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA															MONTH - APR 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	2	3	4	4	3	2	3	5	3	4	2	0	0	2	2	1	0	4	5	5	4	4	4	3
2	3	5	6	***	***	7	6	9	5	3	***	3	2	0	0	0	0	0	0	0	0	0	0	0	2
3	1	1	0	0	0	0	0	2	0	0	0	0	-	0	0	0	0	0	0	1	2	3	3	3	1
4	2	2	2	2	3	3	2	2	***	3	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
7	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	2	2	2
8	2	1	2	0	0	1	2	3	2	2	***	3	3	2	3	3	3	3	3	4	4	2	2	-	2
9	2	3	3	2	0	1	0	2	3	3	3	2	2	3	2	5	6	2	2	2	2	2	3	2	2
10	3	2	2	2	2	2	3	4	3	3	2	3	3	1	0	2	3	3	2	3	4	3	4	3	3
11	2	2	0	2	2	3	3	4	5	3	3	2	2	1	2	2	2	3	2	2	2	2	2	2	2
12	2	2	2	1	3	5	6	5	4	5	5	4	3	3	4	3	4	4	4	5	6	7	8	10	4
13	4	2	0	1	0	0	0	2	0	0	0	0	0	0	0	1	1	1	0	1	4	3	3	2	1
14	1	2	4	3	4	5	4	3	1	2	***	1	0	1	0	4	3	2	1	2	1	2	2	2	2
15	2	2	3	***	***	2	2	3	3	2	3	2	2	3	2	3	3	2	2	2	2	2	***	***	2
16	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	2	0	2	2	1	1
17	1	0	0	0	2	2	2	1	2	2	0	0	4	1	1	1	0	1	2	2	2	2	3	2	1
18	3	2	2	2	2	2	2	3	2	1	0	2	1	0	0	0	0	1	0	2	3	2	2	2	2
19	4	5	8	6	5	5	4	2	2	2	2	0	***	1	1	0	2	2	2	3	***	3	3	4	3
20	4	4	6	5	6	4	5	5	4	4	3	3	3	2	0	1	0	1	1	2	3	2	2	2	3
21	2	3	2	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3	-	2	2	1
22	2	0	1	0	2	2	2	1	2	0	0	0	0	0	0	1	1	0	2	2	3	4	-	9	2
23	5	4	5	6	5	3	2	3	3	2	0	0	2	1	2	2	2	1	2	1	1	0	0	1	2
24	1	2	2	2	0	0	1	2	3	2	2	2	***	***	2	1	2	2	1	2	2	2	2	2	2
25	1	0	1	0	2	0	2	3	2	2	2	2	3	3	3	4	4	4	8	6	3	5	2	4	3
26	3	3	2	2	3	3	3	3	2	2	0	0	0	0	0	0	0	0	1	1	2	4	4	3	2
27	3	3	3	3	3	3	3	3	3	2	2	3	3	1	1	0	0	0	0	0	1	2	2	2	2
28	1	0	0	0	0	0	1	1	0	0	1	1	2	2	2	2	2	2	2	3	2	2	2	0	1
29	1	2	2	0	0	1	2	2	1	2	2	2	3	1	2	1	2	2	2	2	1	2	1	1	2
30	1	1	1	1	2	2	3	3	***	3	3	3	2	3	1	2	2	1	2	-	4	2	2	3	2
MEAN	2	2	2	2	2	2	2	3	2	2	1	1	2	1	1	1	2	1	2	2	2	2	2	3	1.9

PERCENTAGE OF DATA VALID - 97.2

PERCENTAGE OF DATA INVALID - 2.1

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - SE NO S1001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA															MONTH - MAY 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	2	2	2	2	3	3	2	2	2	0	0	1	****	-	2	5	2	3	5	8	8	6	3
2	5	3	3	2	3	4	4	3	2	2	2	2	2	0	0	2	2	2	2	2	3	3	2	2	2
3	1	1	2	0	0	2	2	3	2	1	0	2	1	0	0	1	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	
5	1	1	0	1	2	2	2	2	2	1	0	0	4	1	1	0	0	2	2	3	2	1	1	2	1
6	2	2	2	2	3	3	3	2	3	3	3	3	3	3	2	3	2	2	1	2	2	3	6	6	3
7	9	4	6	4	3	4	3	4	3	****	0	3	4	2	2	2	1	2	2	2	1	2	1	0	3
8	1	0	1	0	0	2	1	3	0	0	2	2	2	2	2	2	2	2	2	2	2	1	2	1	1
9	2	0	0	1	1	1	3	2	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	1	2	2	2	0
11	2	2	2	2	2	2	2	2	2	3	3	3	3	4	4	4	4	4	3	2	1	1	0	0	2
12	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	1
13	2	2	2	3	3	3	4	4	3	3	2	2	****	0	1	2	2	0	0	2	2	8	3	3	2
14	3	3	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	2	1	1	2	2	-	1
15	2	1	2	1	1	2	1	2	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1
16	0	2	1	1	2	0	2	2	2	1	0	2	0	1	0	0	0	0	0	0	2	3	4	5	1
17	3	3	3	3	2	2	2	2	2	1	2	0	0	0	0	0	0	0	0	2	1	2	2	2	1
18	2	3	1	0	1	1	1	1	0	0	0	2	0	2	-	0	0	0	0	1	0	0	0	0	1
19	1	1	1	1	0	0	0	0	0	0	0	0	1	2	2	1	0	2	1	2	2	2	2	3	1
20	3	4	3	3	3	3	3	4	2	****	****	0	0	0	1	0	0	1	1	1	3	3	4	4	2
21	3	3	3	2	3	4	4	7	9	3	2	2	1	1	1	0	0	2	3	3	3	3	2	1	3
22	2	1	2	2	2	2	3	4	3	****	2	2	****	2	3	3	3	3	3	3	4	4	3	3	3
23	3	5	3	2	2	2	3	3	3	4	3	3	3	3	4	3	4	3	3	4	4	4	4	4	3
24	4	4	4	4	3	2	2	3	3	2	2	2	2	1	2	2	3	2	2	3	4	2	2	2	3
25	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	****	3	0
26	1	3	3	0	0	0	1	2	0	0	0	0	0	1	****	1	1	0	2	2	1	0	0	0	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
28	0	0	0	0	0	0	0	0	0	0	3	****	0	****	8	0	0	0	0	0	0	2	2	2	1
29	1	0	0	1	1	1	1	2	0	0	0	0	0	0	****	1	0	1	0	1	2	3	2	2	1
30	2	2	2	2	1	2	3	3	3	3	3	3	3	3	3	4	4	3	3	3	4	3	3	3	3
31	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	0	2	1	0	0	0	0	2
MEAN	2	2	2	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1.5

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT										
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA															MONTH - JUN 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	0
2	7	7	3	0	0	0	0	2	---	2	2	2	2	---	6	2	2	2	2	2	2	2	2	2	2
3	2	2	2	1	1	1	2	2	1	1	0	0	1	1	0	2	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	1	0	---	---	---	---	---	0	0	0	0	0	0	2	2	2	2	0
6	2	3	2	2	2	2	3	2	2	0	0	0	1	1	1	0	0	0	0	2	2	2	1	2	1
7	2	0	0	2	2	1	1	1	2	1	1	1	2	1	1	1	1	1	2	2	2	1	0	1	1
8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	2	2	0	0	0	---	2	1	0	0	0	0	0	0	0	4	0	0	0
10	0	0	0	0	0	0	0	0	---	0	0	0	---	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	---	---	---	0	0	---	0	0	0	0	0	---	0	0	1	1	0
12	0	0	1	0	0	1	0	---	---	---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	2	2	2	0	1	0	2	3	2	2	4	0	1	2	2	2	2	2	---	---	2	2	2	2	2
14	2	1	2	2	---	---	---	---	---	2	2	2	2	2	2	2	1	2	2	2	2	2	2	0	2
15	---	7	0	0	0	0	0	0	0	---	---	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	---	---	0	---	---	---	---	---	2	0	0	0	0	1	0	0
17	0	3	---	0	0	0	2	2	2	2	0	0	1	0	0	2	1	3	2	2	2	3	2	2	2
18	0	0	0	0	0	2	2	2	0	2	2	2	2	2	2	2	0	0	0	3	3	2	3	2	1
19	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
20	2	2	3	2	2	1	2	2	2	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0
22	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
23	0	0	0	1	0	2	3	3	3	2	1	2	1	0	0	0	0	2	2	2	1	0	2	2	1
24	0	1	0	1	1	3	2	2	0	1	1	0	0	0	0	0	2	1	1	1	1	0	1	1	1
25	0	2	1	2	0	0	2	2	0	---	0	2	2	1	0	0	2	2	2	2	2	2	2	2	1
26	---	2	2	2	2	3	2	1	2	1	0	0	2	2	2	2	2	2	0	0	0	0	1	0	1
27	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	---	---	---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	2	1	0
MEAN	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	0	0	1	0	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 93.2 PERCENTAGE OF DATA INVALID - 6.0 PERCENTAGE OF DATA UNAVAILABLE - 0.8

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. --- INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT										
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA															MONTH - JUL 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	1	0	0	---	---	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	2	2	0	---	---	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	2	0	0	0	0	0	0	0	---	---	0	0	0	0	0	0	0	0	0	1	2	2	0
5	1	0	0	0	0	1	1	2	---	2	0	1	1	1	0	0	0	1	1	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	---	1	0	2	0	2	2	3	0	0	0	0	0	2	0	4	1
9	1	0	0	0	0	0	4	1	0	0	0	3	0	3	0	0	1	0	0	1	1	0	0	0	1
10	2	0	0	0	2	0	3	2	0	2	0	4	2	0	0	0	0	0	3	1	1	1	0	0	1
11	3	0	0	1	0	2	0	4	0	0	0	3	0	0	0	1	0	0	0	0	2	2	1	0	1
12	0	0	0	1	0	0	2	1	0	2	0	0	2	2	0	1	0	0	2	0	3	0	0	1	1
13	2	1	0	0	1	0	0	0	0	1	2	0	0	0	0	0	0	2	0	0	0	0	0	1	1
14	0	0	2	0	1	0	0	2	1	0	2	0	0	3	2	0	0	2	1	0	5	0	0	2	1
15	3	0	0	2	0	0	0	2	1	0	3	0	0	0	0	0	0	0	0	0	2	1	1	2	1
16	0	2	1	1	0	3	2	0	0	0	3	0	0	3	0	0	1	0	2	0	0	0	0	0	1
17	1	2	0	2	1	0	1	0	0	0	1	1	0	0	0	0	0	0	3	2	0	2	2	1	1
18	2	0	0	0	4	0	0	1	0	0	2	0	0	0	0	0	0	0	2	0	0	2	0	1	1
19	0	0	0	5	0	0	1	2	0	0	1	0	4	0	1	0	0	0	1	0	2	0	0	0	1
20	2	0	2	0	0	0	1	0	0	0	0	0	0	0	2	5	3	0	1	2	1	1	0	3	1
21	3	0	1	0	2	0	0	0	0	0	0	0	2	7	0	0	0	0	1	0	3	0	0	0	1
22	1	2	0	0	1	2	0	2	3	1	0	0	0	0	1	2	4	0	0	0	0	2	2	0	1
23	3	3	0	0	2	2	3	3	6	5	3	3	0	0	0	1	0	0	1	0	1	2	2	0	2
24	0	0	0	1	2	0	0	2	1	1	1	1	0	2	0	1	3	1	0	0	0	0	2	0	1
25	4	0	0	0	1	0	0	0	2	0	0	1	1	0	0	2	2	0	0	2	0	1	1	2	1
26	2	2	0	0	0	0	3	4	0	0	0	0	4	0	0	0	1	2	0	0	2	0	0	0	1
27	3	0	0	1	0	0	1	0	0	0	5	0	0	0	0	0	0	0	2	1	0	0	1	0	1
28	2	0	1	0	0	5	0	0	0	0	0	0	0	0	0	0	3	3	0	6	0	1	0	1	
29	2	0	2	0	3	0	0	3	2	1	0	0	0	0	1	0	1	0	0	0	0	0	0	3	1
30	0	0	2	0	2	0	1	0	1	2	0	2	1	0	0	0	0	3	0	2	0	0	2	0	1
31	0	0	2	1	0	0	0	0	0	0	4	1	1	0	1	0	3	0	0	0	0	0	0	0	1
MEAN	1	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	0	1	0	1	1	0.7

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. --- INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - SE NO 51001						MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA														MONTH - AUG 80					
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	1	0	0	0	1	0	0	1	1	1	0	0	0	0	2	4	0	0	2	0	4	0	
2	0	0	0	0	0	0	0	0	1	1	1	0	0	2	0	0	1	4	0	0	1	3	3	2	1
3	1	1	0	0	2	2	0	0	2	2	0	0	2	2	0	0	2	2	0	0	1	1	1	1	1
4	1	1	1	1	2	2	1	1	0	0	2	2	0	0	0	0	0	0	2	2	1	1	0	0	1
5	2	2	1	1	3	3	1	1	1	1	0	0	0	0	0	0	3	3	2	2	0	0	0	0	1
6	1	1	2	2	0	0	0	0	0	0	0	0	2	2	1	0	0	0	2	2	0	2	0	0	1
7	0	0	0	0	2	0	0	0	0	2	0	0	0	0	2	1	0	3	0	0	0	0	0	0	0
8	0	0	4	1	0	0	2	1	1	1	0	3	0	1	0	0	0	2	0	0	0	0	0	0	1
9	0	0	0	0	0	2	0	0	0	1	3	0	0	0	0	0	2	0	1	2	0	2	0	0	1
10	0	0	1	0	0	2	0	5	0	0	0	0	0	0	0	0	3	1	0	0	0	0	1	1	1
11	0	4	3	0	1	0	1	2	0	0	0	1	0	0	0	0	2	2	2	0	0	0	0	0	1
12	1	0	0	0	1	0	0	0	0	0	2	0	1	1	0	0	0	0	2	0	1	0	0	4	1
13	0	0	1	0	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	1	0	0	0
14	1	4	0	0	2	1	0	0	0	0	0	2	0	0	0	2	1	0	0	2	0	0	3	0	1
15	0	0	0	0	0	0	0	0	0	2	1	0	2	0	2	2	0	0	0	1	0	2	0	0	1
16	0	4	1	0	0	0	0	0	1	0	0	0	0	0	2	2	0	0	0	0	0	0	0	1	0
17	1	2	0	0	2	0	0	2	1	1	2	2	1	0	3	0	0	0	1	0	0	4	3	1	1
18	2	2	0	0	0	0	0	0	0	0	0	3	1	2	0	0	0	0	2	2	0	0	1	0	1
19	2	2	2	0	2	2	0	2	0	0	0	0	1	0	0	0	2	0	0	4	4	0	0	2	1
20	0	2	0	2	2	1	2	2	0	0	0	0	0	0	2	2	0	0	0	0	2	0	0	2	1
21	0	0	2	0	0	0	0	0	0	2	0	2	2	2	3	3	3	3	3	3	3	4	3	3	2
22	3	2	2	1	2	2	6	5	3	2	2	2	2	2	2	2	2	1	2	3	2	3	4	4	3
23	4	3	3	3	4	3	3	3	2	2	2	2	1	0	0	0	0	0	2	2	1	1	1	1	2
24	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	1	0
25	1	4	0	0	2	2	3	6	10	5	5	3	3	2	2	1	1	2	2	2	2	2	2	2	3
26	2	2	2	2	2	4	6	8	6	6	6	8	7	6	6	6	6	5	5	9	6	4	4	4	5
27	4	4	4	4	4	4	5	6	7	6	5	4	2	3	2	2	0	0	0	0	0	0	0	0	3
28	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	1	2	2	1	2	2	1
29	2	1	0	0	0	0	2	3	3	3	1	1	1	2	2	2	2	2	2	3	4	4	4	4	2
30	3	3	2	3	3	3	3	3	4	3	3	3	3	3	3	6	3	3	4	3	3	5	3	4	3
31	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	3	3	3	4	3	2	2	2	3
MEAN	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - SE NO 51001					MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA										MONTH - SEP 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	0	1	2	2	1	2	2	1	0	0	0	0	0	0	1	2	1	0	2	2	3	1
2	2	2	0	0	1	3	5	7	5	3	1	1	2	1	3	3	2	2	0	0	0	0	0	0	2
3	0	0	0	0	0	1	2	2	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0	2	0
4	2	0	1	0	0	0	3	2	2	3	3	2	2	2	2	2	0	1	3	0	3	2	2	2	2
5	2	3	2	4	5	5	9	5	3	3	2	2	1	1	2	1	1	0	0	0	0	0	0	0	2
6	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
8	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	1
9	2	0	1	2	1	2	3	4	4	0	4	2	2	2	2	3	3	2	1	0	0	0	0	0	2
10	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	2	4	4	3	2	1	2	1	1	1	1	0	1	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0
13	0	0	0	0	0	0	0	0	0	0	2	1	2	2	2	2	2	2	3	3	2	2	1	1	1
14	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	3	3	1
16	2	2	3	2	1	2	6	7	2	2	0	1	0	1	0	1	2	1	2	2	2	1	2	3	2
17	2	2	2	2	2	2	2	3	0	3	3	3	2	3	0	0	0	0	0	0	0	0	0	0	1
18	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	2	3	1	1	3	2	1
19	2	2	1	1	1	2	5	5	3	2	0	1	1	0	0	0	1	0	2	2	1	1	0	0	1
20	2	2	2	3	2	2	2	2	3	4	3	4	4	3	3	3	3	3	2	2	2	1	0	0	2
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	1
22	1	2	3	3	2	2	2	2	2	0	0	0	1	2	2	2	1	2	3	3	2	2	2	2	2
23	1	0	0	0	0	0	2	1	0	0	3	0	0	0	0	0	0	0	0	2	3	3	3	2	1
24	1	1	1	1	2	2	3	6	1	0	0	0	0	0	0	1	1	2	2	2	2	3	3	3	2
25	2	3	2	3	3	2	4	4	4	3	3	3	3	3	3	4	4	4	4	4	5	5	5	4	4
26	3	2	2	1	2	3	3	4	3	2	0	0	2	0	0	0	0	1	0	0	1	0	0	0	1
27	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	2	2	2	2	1	0	2	1
28	0	0	0	2	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	3	1
29	3	5	3	1	2	2	3	3	2	1	2	0	1	1	2	2	2	2	2	2	3	3	4	2	2
30	2	2	2	2	3	3	6	6	5	5	4	3	4	4	4	4	1	1	1	0	0	0	0	0	3
MEAN	1	1	1	1	1	1	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA															MONTH - OCT 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	3	3	7	****	4	3	3	13	3	3	3	3	3	3	3	3	2	2	3
2	2	2	2	2	2	2	2	1	3	2	0	0	1	0	1	-	***	2	2	2	2	3	0	1	2
3	0	0	0	0	0	0	1	1	0	2	1	2	0	1	1	0	0	1	2	2	1	1	0	1	1
4	0	0	2	0	0	1	0	0	0	2	1	2	1	1	0	1	2	1	2	2	2	1	1	1	1
5	1	0	0	0	0	0	0	0	0	0	1	2	1	0	1	0	0	0	3	3	3	3	3	3	1
6	2	1	0	2	1	2	2	2	3	0	0	0	1	0	1	2	3	-	2	2	3	2	2	2	2
7	2	1	2	1	2	3	4	4	3	3	2	2	2	2	2	3	2	3	4	5	5	4	3	3	3
8	2	3	2	3	3	4	4	3	3	-	-	3	3	2	4	5	4	2	0	0	0	0	0	0	2
9	0	0	0	0	0	2	3	3	1	0	0	0	0	0	0	0	0	2	1	2	3	3	4	2	1
10	3	2	3	3	2	3	4	5	6	4	3	0	1	0	0	1	2	2	2	2	2	2	2	2	2
11	2	3	3	3	2	****	2	2	3	3	3	3	4	5	4	4	4	4	4	7	2	5	13	10	4
12	6	9	6	9	1	1	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0
14	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	2	1	1	1	1	2	3	4	4	****	2	0	1	0	0	0	0	2	4	7	8	6	4	8	2
16	4	4	3	3	3	3	5	6	4	2	3	3	1	0	2	1	1	2	6	9	8	8	8	8	4
17	6	4	3	4	3	3	3	4	4	4	4	3	4	4	5	7	7	7	8	8	8	7	7	7	5
18	2	2	1	0	2	2	2	2	2	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	2	1	1	0
20	2	2	1	0	0	1	2	1	0	0	2	0	0	0	0	0	0	1	2	2	5	5	4	2	1
21	1	2	0	2	2	3	4	4	8	6	4	3	2	0	0	1	1	3	3	3	0	0	0	0	2
22	0	0	0	0	0	0	1	2	1	****	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
23	0	0	1	0	0	2	3	3	2	1	0	0	0	0	0	-	0	2	2	2	3	6	5	4	2
24	5	3	3	3	3	6	6	6	3	1	0	0	0	1	2	2	2	2	2	3	3	3	3	3	3
25	3	3	3	3	3	3	2	3	3	2	2	2	2	2	1	1	0	0	0	1	0	0	0	0	2
26	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	-	0	0	2	2	4	3	2	0	0	0	0	1	0	2	2	4	2	2	2	0	2	1
28	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	0	2	0	0	0
29	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	2	1	2	0	1	0	2	3	2	0	2	2	1	2	2	3	1
31	3	3	3	2	3	3	6	5	3	2	2	2	2	2	1	1	0	0	0	0	0	0	-	0	2
MEAN	2	2	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	2	2	3	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH																									
POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA															MONTH - NOV 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	5	6	9	11	11	2
3	9	6	6	5	4	3	2	3	3	2	2	2	2	1	1	2	3	3	2	2	2	2	3	3	3
4	2	3	3	3	3	3	2	3	2	3	0	2	2	2	1	2	2	2	2	2	1	1	2	1	2
5	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	0	1	1	0	0	1	0	0
6	0	0	0	2	2	0	2	3	8	4	2	2	3	2	2	3	3	3	2	2	2	2	2	2	2
7	3	5	3	3	3	4	4	5	5	0	3	2	3	4	4	4	4	4	3	2	2	0	0	0	3
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	3	4	7	6	4	1
9	3	2	2	0	0	1	0	1	2	2	1	2	1	2	2	2	3	4	5	6	4	6	6	2	2
10	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	2	0	0	5	2	0	2	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	***	***	0	0	1	2	2	3	3	2	2	3	2	3	2	2	3	3	2	2	2	2	2	2
14	3	2	2	3	2	3	4	2	2	1	1	0	0	0	5	0	2	2	2	3	***	1	2	0	2
15	0	0	2	0	1	0	2	1	2	1	1	2	0	1	0	0	0	1	0	0	0	0	0	0	1
16	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	2	3	4	4	3	4	3	1
17	2	3	3	1	2	3	3	5	5	6	-	6	5	4	5	3	2	2	2	2	2	3	1	2	3
18	***	0	0	3	3	1	1	0	1	2	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0
19	0	0	0	2	0	1	2	2	2	1	2	2	3	1	0	2	2	2	2	2	2	2	1	3	2
20	3	2	2	2	2	3	2	3	3	2	2	2	2	3	3	3	3	4	3	3	3	4	4	3	3
21	3	3	3	2	2	3	4	5	5	4	3	3	3	3	3	3	3	3	3	3	6	4	5	4	3
22	4	3	3	4	3	3	3	2	3	2	2	2	0	1	1	1	1	2	2	2	3	3	3	3	2
23	2	2	2	2	3	2	3	4	3	4	8	4	3	3	3	4	5	3	7	5	5	5	4	4	4
24	4	3	3	3	3	3	3	3	5	5	5	6	4	5	4	4	5	5	4	4	4	5	4	3	4
25	3	1	2	1	0	0	2	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	1	2	0	***	2	0	0	1	1	2	2	2	2	3	7	7	5	2
27	-	2	2	2	2	2	2	3	4	3	2	2	1	1	2	2	2	2	2	2	0	1	0	1	2
28	0	0	1	0	0	0	0	1	1	0	0	0	0	0	***	0	0	0	1	0	0	2	1	2	0
29	1	0	0	0	1	0	1	2	2	2	2	2	2	1	1	***	0	1	2	0	0	0	0	0	1
30	0	0	0	0	2	0	0	1	0	1	2	0	0	1	0	0	1	2	2	0	0	3	1	2	1
MEAN	2	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 98.6

PERCENTAGE OF DATA INVALID - 1.0

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST. OTTAWA														MONTH - DEC 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	1	2	2	2	3	4	4	3	....	3	2	2	0	1	1	3	4	4	6	11	7	8	3
2	6	6	4	2	0	0	1	1	3	1	1	1	2	1	1	2	2	2	2	1	2	1	0	0	2
3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	....	....	4	6	8	3	2	2	0	1	-	0	0
5	0	0	0	0	1	0	0	1	2	1	0	0	0	0	1	0	2	2	3	4	4	0	0	0	1
6	0	0	1	1	0	0	1	1	0	0	0	2	0	1	0	0	1	2	2	1	3	3	2	3	1
7	3	3	4	3	5	6	6	6	6	5	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3
8	2	2	2	2	3	3	3	4	5	5	4	4	7	3	3	3	4	6	2	0	1	0	2	0	3
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	1	-	-	0	0	0
10	1	1	0	2	0	0	1	2	3	....	....	2	3	2	3	3	1	0	0	0	0	0	0	0	1
11	0	0	1	2	1	1	2	3	3	3	1	0	2	2	2	3	4	3	3	3	-	-	-	3	2
12	3	4	3	3	3	3	4	5	6	4	4	3	3	3	2	2	3	4	4	3	4	1	2	2	3
13	2	3	3	4	5	3	4	2	1	0	0	0	1	0	1	2	0	2	1	3	3	2	3	2	3
14	4	2	2	1	1	0	0	2	2	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	1
15	0	1	2	2	2	2	2	3	3	2	1	....	0	2	....	....	2	3	3	3	1	1	0	0	2
16	0	0	1	1	0	0	1	1	1	0	....	2	1	0	2	1	1	0	2	2	1	1	2	1	1
17	0	0	0	0	0	0	0	2	2	1	0	1	2	3	3	3	4	4	3	3	2	2	2	1	2
18	....	....	2	2	2	2	3	4	2	1	0	0	0	0	1	3	6	5	4	7	7	-	-	-	3
19	3	2	0	0	0	0	2	0	0	0	0	0	-	-	0	0	2	2	2	2	2	2	2	3	1
20	2	2	2	0	0	2	2	0	1	1	0	1	1	0	0	1	1	1	1	2	1	2	2	2	1
21	2	3	1	2	1	0	0	0	1	1	0	1	2	0	1	2	2	2	2	3	6	6	6	5	2
22	4	4	7	5	5	4	3	5	4	3	4	4	4	4	3	4	3	3	3	3	4	3	3	3	4
23	3	3	2	3	3	4	4	5	4	5	....	....	4	4	3	4	4	4	5	5	6	6	6	6	4
24	6	6	5	4	3	4	3	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	3	3	2	4	6	4	1
26	4	3	2	2	1	1	1	1	1	1	2	2	2	2	4	4	2	1	2	2	2	3	3	3	2
27	2	2	2	0	0	0	0	1	0	0	0	0	0	0	2	2	2	4	8	9	6	4	3	2	2
28	3	3	3	3	2	2	3	3	2	2	3	3	3	3	3	3	3	4	3	3	4	4	6	3	3
29	7	4	9	9	5	4	3	5	9	8	4	3	3	3	3	3	3	4	3	0	0	0	0	0	4
30	0	0	0	0	0	0	0	0	0	0	....	0	0	0	0	1	2	1	2	2	1	1	0	0	0
31	0	0	0	0	0	0	0	2	2	1	1	0	2	1	0	1	2	2	2	2	2	3	3	-	1
MEAN	2	2	2	2	1	1	2	2	2	2	1	1	2	1	2	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 96.5

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST. OTTAWA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.4	5	11
FEB	29	1.3	4	11
MAR	31	1.7	5	13
APR	30	1.9	4	10
MAY	31	1.5	3	9
JUN	30	0.7	2	7
JUL	31	0.7	2	7
AUG	31	1.3	5	10
SEP	30	1.2	4	9
OCT	31	1.7	5	13
NOV	30	1.7	4	11
DEC	31	1.9	4	11
YEAR	366	1.4	5	13

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST. OTTAWA

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	710	28	1	0	0	0	0	739
FEB	665	23	2	0	0	0	0	690
MAR	681	53	5	0	0	0	0	739
APR	656	42	0	0	0	0	0	700
MAY	712	16	0	0	0	0	0	728
JUN	667	4	0	0	0	0	0	671
JUL	727	10	0	0	0	0	0	737
AUG	712	28	0	0	0	0	0	740
SEP	690	21	0	0	0	0	0	711
OCT	679	50	2	0	0	0	0	731
NOV	663	45	2	0	0	0	0	710
DEC	660	57	1	0	0	0	0	718
YEAR	8224	377	13	0	0	0	0	8614

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
98.1	0	0.0	0.0	0.5	1.6	2.9	3.9	5.5	6.7	13	1.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST. CORNWALL

MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	2	1	2	3	0	0	2	0	2	2	3	2	2	2	2	3	4	4	3	2	4	3	2
2	2	1	2	2	***	0	3	***	0	0	1	0	0	1	0	2	2	0	2	3	1	0	0	***	1
3	***	2	0	0	0	0	1	2	1	0	1	0	1	0	2	2	2	2	2	3	1	2	2	2	1
4	2	2	2	2	3	3	4	***	3	2	1	2	3	2	0	3	5	7	10	8	5	7	5	7	4
5	5	4	3	4	3	3	2	3	3	2	3	3	2	2	0	2	2	5	6	9	5	2	2	2	3
6	3	2	5	4	3	5	4	3	4	2	3	3	3	3	2	3	3	3	4	4	3	3	2	2	3
7	2	1	2	2	2	2	4	3	2	3	2	3	2	1	1	2	2	1	3	2	2	2	2	1	2
8	2	2	1	2	0	2	2	2	2	0	0	2	2	0	2	2	2	2	2	2	2	2	2	2	1
9	2	0	1	2	0	2	2	0	2	1	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	1	0	0	0	0	2	2	4	2	3	2	2	1	0	0	0	3	2	2	2	2	2	3	2	2
11	2	2	1	2	2	2	2	2	6	4	5	7	7	3	3	2	3	8	3	3	0	4	0	0	3
12	0	3	0	2	2	2	1	2	2	2	1	1	1	0	0	0	0	0	0	2	0	1	0	0	1
13	0	2	0	2	2	2	1	1	0	2	1	2	3	1	3	2	3	4	6	5	4	4	6	5	3
14	6	3	0	5	6	6	6	8	11	5	0	0	0	0	4	2	2	2	4	3	3	2	4	3	4
15	0	2	0	0	2	3	1	3	4	0	0	***	***	3	2	3	3	4	6	4	4	3	1	2	2
16	2	1	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3
17	3	7	3	4	***	0	***	12	3	3	4	6	4	4	3	5	5	6	3	8	6	6	5	4	5
18	***	5	4	5	6	7	9	4	5	***	***	3	2	0	0	2	2	0	5	1	0	4	0	13	4
19	3	3	0	0	3	0	0	4	***	***	2	0	-	-	-	-	-	-	-	-	-	-	-	-	***
20	3	0	***	0	0	0	***	0	0	0	0	0	0	0	0	0	0	0	0	0	***	***	0	2	0
21	0	1	0	2	0	0	0	0	1	2	0	0	0	2	0	1	2	1	0	2	2	2	3	2	1
22	3	3	3	4	4	3	4	2	4	3	5	3	7	5	***	5	4	4	3	4	***	2	***	3	4
23	***	2	***	4	0	0	0	0	2	0	0	0	3	0	14	5	2	0	1	0	2	0	2	0	2
24	0	1	0	0	2	0	2	1	0	2	2	1	2	2	4	2	3	3	2	3	2	3	3	2	2
25	1	2	1	0	2	2	1	2	3	2	2	2	2	0	4	2	2	3	4	3	3	4	4	2	2
26	3	2	0	0	0	4	0	1	2	2	2	2	2	1	0	1	2	0	0	2	0	***	***	0	1
27	0	***	***	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	3	1	1
28	0	2	2	1	3	2	3	3	2	2	1	1	2	2	2	2	2	3	3	3	3	1	3	2	2
29	0	0	0	1	0	0	1	2	3	2	2	2	2	1	1	2	0	0	0	0	0	0	0	0	1
30	0	2	0	0	1	1	2	3	0	3	1	2	0	1	2	0	2	2	0	-	7	3	0	1	1
31	1	1	0	0	0	2	1	2	1	1	0	3	0	0	0	2	3	2	1	0	0	0	2	0	1
MEAN	2	2	1	2	2	2	2	3	2	2	1	2	2	1	2	2	2	2	3	3	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 94.6

PERCENTAGE OF DATA INVALID - 3.6

PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL														MONTH - FEB 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	2	2	2	2	4	1	2	2	2	2	2	2	0	***	***	0	0	2	1
2	0	0	0	3	0	2	0	2	1	0	2	2	1	1	0	1	0	2	0	2	2	2	0	0	1
3	0	0	0	1	0	0	0	0	0	0	1	0	3	1	1	0	2	0	2	2	1	2	1	0	1
4	2	0	0	0	0	1	0	1	4	2	0	0	0	0	0	0	3	2	1	2	2	2	0	2	1
5	0	0	1	0	1	0	1	1	3	2	***	3	0	0	4	0	-	0	2	2	2	0	2	2	1
6	0	0	3	2	2	2	3	4	8	5	5	4	3	3	2	1	2	4	3	2	6	5	5	***	3
7	***	***	9	7	7	5	5	5	4	2	2	3	2	2	2	3	3	4	4	4	3	3	0	7	4
8	0	3	0	6	0	6	4	3	2	4	2	3	2	0	0	0	4	0	7	2	2	3	3	3	2
9	2	2	2	2	2	3	3	3	3	2	4	3	2	0	2	0	0	1	3	4	3	0	4	3	2
10	3	3	4	7	8	8	6	9	7	5	4	3	2	0	3	2	2	2	4	1	0	4	4	3	4
11	2	2	1	2	1	2	0	0	0	3	0	8	2	***	***	2	3	2	4	0	1	3	5	3	2
12	3	3	0	1	2	9	3	3	3	***	5	0	4	3	0	2	2	2	2	0	3	3	3	3	2
13	2	2	2	2	1	2	2	1	1	1	0	0	0	0	0	0	2	2	1	0	0	3	3	3	1
14	3	2	3	2	2	2	3	3	3	3	3	3	2	0	8	4	3	3	3	4	3	2	2	2	3
15	0	0	0	1	0	0	2	2	2	3	1	3	2	0	0	2	0	0	4	2	2	2	2	2	1
16	2	2	2	2	2	2	1	0	2	3	2	2	1	0	0	0	1	2	2	2	2	3	3	2	2
17	2	1	1	0	0	0	0	0	1	2	3	0	0	0	0	1	0	0	0	2	0	0	2	2	1
18	0	0	0	2	2	0	1	2	4	0	0	2	1	1	2	2	0	2	2	2	2	1	2	1	1
19	2	0	2	2	2	2	2	2	2	2	3	0	9	0	2	4	0	5	2	3	0	4	0	7	2
20	5	6	4	5	4	5	7	7	6	5	2	0	4	4	4	4	5	7	8	9	6	3	4	5	5
21	3	4	3	3	***	7	0	5	***	7	***	***	0	0	0	0	0	0	5	3	3	1	1	2	2
22	0	8	2	0	0	4	3	2	3	2	1	4	3	3	4	3	4	0	0	10	4	3	5	3	3
23	3	3	3	3	0	4	3	2	1	3	0	5	3	2	0	0	2	0	***	***	2	8	3	2	2
24	3	3	3	3	2	5	3	2	4	4	3	3	2	2	2	0	0	0	0	6	1	1	2	2	2
25	1	0	0	0	0	0	2	2	1	0	3	0	0	2	0	1	1	0	0	3	2	2	2	0	1
26	2	0	2	2	1	0	2	2	2	1	0	2	0	2	5	3	2	2	5	3	3	5	2	3	2
27	2	1	2	0	4	13	3	***	***	16	16	3	3	3	***	5	1	4	3	3	3	3	3	2	4
28	2	3	3	3	2	2	0	5	0	3	2	2	0	0	4	2	3	3	0	0	2	0	2	3	2
29	2	0	1	2	2	3	2	3	4	0	2	2	2	1	0	2	2	1	2	1	1	2	2	0	2
MEAN	2	2	2	2	2	3	2	3	3	3	3	2	2	1	2	2	2	2	2	3	2	2	2	2	2.2

PERCENTAGE OF DATA VALID - 97.1

PERCENTAGE OF DATA INVALID - 2.6

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL															MONTH - MAR 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	8	8	0	0	2	2	0	0	2	2	0	0	0	0	5	5	0	0	1	1	0	0	
2	3	3	0	0	1	1	3	3	2	2	2	2	4	4	0	0	3	3	0	0	3	3	1	1	
3	2	2	0	0	3	3	8	8	3	3	1	1	1	1	0	0	C	0	1	1	1	1	2	2	
4	0	0	0	0	0	0	9	9	0	0	2	2	0	0	0	0	3	3	0	0	3	3	6	6	
5	5	5	3	3	0	0	5	5	2	2	3	3	1	1	5	5	7	7	3	3	2	2	2	2	
6	1	1	3	3	4	4	1	1	2	2	0	0	0	0	2	2	3	3	2	2	5	5	2	2	
7	0	0	2	2	2	2	1	1	0	0	0	0	6	6	2	2	0	0	3	3	0	0	2	2	
8	2	2	2	2	3	3	2	2	3	3	2	2	2	2	0	0	0	0	5	5	2	2	2	2	
9	2	2	2	2	1	1	6	6	0	0	2	2	0	0	0	0	6	6	3	3	1	1	1	1	
10	0	0	6	6	4	4	1	1	2	2	3	3	2	2	2	2	5	5	2	2	2	2	0	0	
11	2	2	2	2	2	2	0	0	0	0	0	0	3	3	0	0	0	0	0	0	2	2	0	0	
12	6	6	3	3	1	1	0	0	0	0	C	0	0	0	0	0	0	0	1	1	0	0	3	3	
13	2	2	2	2	8	8	2	2	2	2	0	0	1	1	1	1	3	3	0	0	3	3	1	1	
14	0	0	0	0	2	2	3	3	1	1	4	4	2	2	1	1	0	0	2	2	1	1	2	2	
15	0	0	0	0	2	2	0	0	0	0	2	2	1	1	0	0	0	0	0	0	0	0	2	2	
16	5	5	3	3	0	0	0	0	2	2	1	1	3	3	1	1	2	2	2	2	4	4	4	4	
17	0	0	5	5	3	3	1	1	***	***	5	5	3	3	0	0	4	4	5	5	5	5	0	0	
18	2	2	0	0	3	3	3	3	0	0	0	0	0	0	0	0	1	1	3	3	1	1	1	1	
19	0	0	0	0	2	2	2	2	0	0	3	3	1	1	2	2	0	0	2	2	2	2	0	0	
20	7	7	3	3	1	1	6	6	8	8	4	4	8	8	8	8	10	10	0	0	2	2	3	6	
21	6	6	3	3	2	2	1	1	2	2	3	3	2	2	0	0	1	1	0	0	0	0	2	2	
22	0	0	1	1	0	0	0	0	3	3	2	2	2	2	0	0	0	0	3	3	5	5	4	4	
23	3	3	2	2	2	2	1	1	1	1	0	0	2	2	3	3	1	1	2	2	2	2	0	0	
24	0	0	2	2	0	0	0	0	0	0	3	3	2	2	2	2	4	4	3	3	1	1	0	0	
25	7	7	3	3	3	3	2	2	2	2	14	14	2	2	2	2	5	5	1	1	0	0	3	3	
26	2	2	1	1	0	0	0	0	1	1	3	3	3	3	2	2	0	0	0	0	2	2	1	1	
27	1	1	0	0	0	0	1	1	2	2	1	1	2	2	0	0	0	0	3	3	5	5	1	1	
28	3	3	2	2	2	2	10	10	1	1	2	2	0	0	0	0	2	2	2	2	0	0	3	3	
29	0	0	2	2	1	1	0	0	0	0	3	3	2	2	1	1	2	2	0	0	2	2	1	1	
30	6	6	2	2	1	1	0	0	0	0	0	0	1	1	2	2	1	1	0	0	4	4	1	1	
31	2	2	2	2	3	3	2	2	2	2	0	0	0	0	0	0	3	3	0	0	4	4	5	5	
MEAN	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	1	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID -

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT										
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL															MONTH - APR 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	6	6	3	3	7	7	2	2	2	2	2	2	0	0	2	2	2	2	2	2	2	2	3
2	0	0	0	0	2	2	2	2	2	2	0	0	0	0	0	0	5	5	1	1	0	0	0	0	2
3	5	5	1	1	3	3	4	4	0	0	0	0	3	3	1	1	0	2	2	2	2	3	3	2	2
4	3	3	2	2	1	1	2	2	0	0	2	2	6	6	0	0	1	1	1	2	2	2	2	0	1
5	0	0	0	0	1	1	2	2	1	1	0	0	2	2	0	0	0	0	4	4	4	4	3	3	1
6	2	2	2	2	0	0	0	0	0	0	0	0	2	2	0	0	1	4	4	0	4	4	0	0	1
7	0	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	2	2	0	0	0	0	0	0	1
8	0	0	0	0	2	2	2	2	0	0	0	0	3	3	2	2	2	2	0	0	0	0	0	0	1
9	1	1	0	0	1	1	0	0	1	1	0	0	0	0	2	2	0	2	2	2	2	2	0	0	2
10	3	3	1	1	1	1	4	4	2	2	1	1	0	0	0	0	2	2	2	2	0	0	2	2	2
11	0	0	0	0	0	0	2	2	2	2	2	2	2	2	0	0	0	0	2	2	1	1	0	0	1
12	1	1	0	0	2	2	2	2	1	1	0	0	0	1	1	0	5	5	2	2	2	2	0	0	1
13	0	0	0	0	2	2	0	0	0	0	0	0	0	0	2	2	1	1	0	0	0	0	2	2	1
14	0	0	2	2	3	3	1	1	3	3	3	3	2	2	3	3	0	0	0	0	0	0	1	1	2
15	3	3	2	2	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	2	2	3	3	2
16	0	0	3	3	2	2	1	1	5	5	3	3	0	0	0	0	1	1	1	1	0	0	3	3	2
17	1	1	0	0	0	0	0	0	2	2	2	2	0	0	1	1	1	1	3	3	2	2	1	1	1
18	2	2	2	2	2	2	1	1	2	2	2	2	2	2	0	0	3	3	0	0	0	0	3	3	2
19	10	10	15	15	5	5	2	2	2	2	0	0	0	0	2	2	0	0	0	0	6	6	4	4	2
20	3	3	2	2	2	2	1	1	1	1	4	4	0	0	0	0	0	0	1	1	0	0	4	4	2
21	3	3	1	1	0	0	0	0	0	0	0	0	1	1	0	0	2	2	0	0	2	2	4	4	1
22	4	4	3	3	0	0	2	2	2	2	1	1	1	1	3	3	0	2	2	5	5	17	17	3	
23	5	5	3	3	0	0	2	2	2	2	2	2	2	2	3	3	2	2	4	4	0	0	0	0	2
24	0	0	0	0	2	2	1	1	0	0	0	0	3	3	4	4	2	2	2	1	1	2	2	1	
25	4	4	2	2	2	2	2	2	1	1	1	1	8	8	7	7	4	4	3	3	2	2	1	1	3
26	1	1	2	2	0	0	0	0	6	6	2	2	0	0	0	0	0	0	0	0	7	7	2	2	2
27	1	1	1	1	0	0	0	0	0	2	2	5	5	4	4	0	0	0	0	1	1	2	2	2	1
28	0	0	2	2	0	0	0	0	0	0	0	2	2	0	0	0	0	0	2	2	2	2	0	0	1
29	1	1	0	0	1	1	1	1	1	1	1	2	2	1	1	2	2	0	0	2	2	0	0	3	2
30	3	3	1	1	2	2	3	3	4	4	5	5	0	0	0	0	0	0	3	3	0	0	3	3	2
MEAN	2	2	2	2	1	1	2	2	2	2	1	1	2	2	1	1	1	1	1	1	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT										
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL															MONTH - MAY 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	2	2	5	5	0	0	0	0	4	4	3	3	2	2	2	2	2	2	1	1	2
2	3	3	1	1	1	1	2	2	2	2	2	2	0	0	1	1	1	1	2	2	2	2	11	11	2
3	0	0	2	2	0	0	2	2	2	2	1	1	2	2	0	0	2	2	0	0	0	0	2	2	1
4	2	2	0	0	0	0	2	2	3	3	1	1	0	0	0	0	1	1	0	0	1	1	1	1	1
5	3	3	3	3	1	1	0	0	0	0	2	2	1	1	0	0	2	2	1	1	1	1	3	3	1
6	1	1	2	2	2	2	0	0	3	3	2	2	2	2	1	1	4	4	2	2	0	0	1	1	2
7	4	4	2	2	3	3	2	2	0	0	0	0	0	0	3	3	3	3	1	1	0	0	0	0	2
8	2	2	0	0	5	5	3	3	0	0	1	1	3	3	0	0	2	2	1	1	0	0	3	3	2
9	0	0	1	1	0	0	4	4	0	0	0	0	1	1	2	2	2	2	0	0	1	1	1	1	1
10	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	2	1	1	1	1	2	2	1	1	1
11	2	2	7	7	0	0	5	5	3	3	0	0	5	5	2	2	0	0	2	2	2	2	3	3	3
12	0	0	2	2	0	0	2	2	2	2	1	1	0	0	1	1	4	4	4	4	4	4	2	2	2
13	2	2	0	0	2	2	0	0	2	2	2	2	0	0	0	0	0	0	0	0	7	7	2	2	1
14	1	1	0	0	0	0	3	3	0	0	0	0	0	0	2	2	0	0	0	0	1	1	1	1	1
15	0	0	0	0	2	2	8	8	0	0	1	1	2	2	0	0	2	2	0	0	3	3	2	2	1
16	0	0	2	2	0	0	2	2	1	1	0	0	1	1	0	0	2	2	0	0	8	8	8	8	2
17	2	2	0	0	2	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	2	2	0	0	1
18	1	1	2	2	2	2	0	0	0	0	1	1	2	2	1	1	0	0	0	0	2	2	0	0	1
19	0	0	6	6	0	0	2	2	0	0	0	0	0	0	2	2	2	2	1	1	0	0	2	2	1
20	2	2	2	2	6	6	2	2	4	4	1	1	4	4	0	0	2	2	2	2	1	3	3	8	3
21	2	2	5	5	11	11	13	13	4	4	3	3	4	4	2	2	2	2	3	3	5	5	3	3	5
22	2	2	0	0	2	2	2	2	0	0	1	1	1	1	1	1	1	1	3	3	0	0	3	3	1
23	4	4	5	4	4	4	4	4	8	5	3	4	4	4	4	4	4	4	3	4	5	5	3	3	4
24	2	3	4	5	6	6	4	5	3	3	3	2	3	3	3	3	3	2	3	3	5	5	4	3	4
25	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	
26	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	1	1	0	0	0	0	0
27	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	2	0
28	0	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3	0	2	1
29	2	2	2	1	2	2	2	3	0	1	0	0	0	0	0	0	0	0	0	0	3	3	2	2	1
30	4	0	2	2	3	3	4	4	3	1	2	3	2	3	3	3	4	3	3	4	3	4	3	4	3
31	5	3	5	4	6	5	3	3	2	2	2	2	3	3	2	3	2	3	3	0	4	3	1	0	4
MEAN	2	2	2	2	2	2	3	3	2	1	1	1	1	1	1	1	2	2	1	1	2	2	3	3	1.7

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT													
STATION - SE NO S6051						MEMORIAL PARK YORK/THIRD ST., CORNWALL														MONTH - JUN 80							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0		
2	1	1	1	0	0	2	0	2	0	2	0	2	4	0	1	1	0	1	2	0	0	2	0	2	0		
3	3	0	1	2	2	3	3	3	2	2	2	2	2	1	0	0	1	2	2	1	0	2	0	0	0		
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0		
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0		
6	0	0	1	0	0	3	3	4	4	0	1	0	0	1	1	0	1	2	2	2	2	3	0	2	1		
7	2	3	2	4	2	3	3	3	2	3	2	3	0	3	3	4	3	3	0	2	1	0	2	2	2		
8	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9	0	0	0	0	0	0	2	1	1	0	0	0	2	0	1	0	0	0	0	2	0	0	0	1	1		
10	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
11	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	1	0	0	1	0	0		
12	0	0	0	2	0	2	0	0	0	0	2	0	3	3	1	2	0	0	0	0	0	0	0	0	0		
13	0	0	0	1	2	3	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
14	2	3	2	2	0	0	0	0	0	0	5	3	3	3	3	3	3	2	3	0	0	0	0	0	0		
15	0	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0		
17	2	0	0	1	0	2	1	2	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1		
18	2	2	2	0	2	0	1	2	0	2	2	3	3	2	2	0	4	3	3	3	3	4	8	2	2		
19	4	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3		
20	2	3	3	4	4	5	3	4	3	2	3	2	0	2	0	1	0	0	0	2	0	0	0	2	2		
21	1	0	0	1	0	0	1	2	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0		
22	2	0	0	1	1	1	1	0	0	0	2	2	1	0	0	2	0	0	1	1	2	2	2	2	1		
23	1	2	0	0	3	4	2	3	1	0	2	2	3	2	2	2	4	2	2	2	2	2	2	2	2		
24	2	3	2	3	3	2	3	4	3	3	4	3	3	3	3	3	3	3	2	2	2	4	3	3	3		
25	2	3	3	3	3	3	3	3	3	4	3	4	3	3	3	3	4	4	3	3	3	4	4	3	3		
26	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0		
28	0	0	0	0	1	2	0	0	0	0	0	0	0	0	2	0	0	0	1	0	2	2	2	2	1		
29	5	4	3	3	0	0	0	2	0	0	2	2	0	1	1	1	2	1	0	0	1	2	3	2	2		
30	2	1	2	0	1	3	3	2	0	0	2	2	2	2	3	2	2	0	2	3	3	2	3	3	2		
MEAN	1	1	1	1	1	1	2	2	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	1.3		

PERCENTAGE OF DATA VALID - 91.7

PERCENTAGE OF DATA INVALID - 7.2

PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT																					
STATION - SE NO 56051														MEMORIAL PARK YORK/THIRD ST., CORNWALL											MONTH - JUL 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN										
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
4	0	0	0	0	0	0	0	0	2	0	3	0	2	2	2	2	2	2	2	2	3	3	2	4	2										
5	2	4	4	2	2	2	2	1	0	4	2	3	2	1	1	2	2	2	2	3	3	2	2	0	2										
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	0										
7	0	1	0	0	0	1	2	2	0	0	0	0	1	2	1	1	1	0	0	0	0	0	0	0	1										
8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	3	0	0	0	0	0										
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	2	1	1	2	3	5	3	2										
18	3	2	2	2	3	2	3	2	3	3	2	1	0	2	2	2	0	1	1	2	3	2	0	0	2										
19	1	0	5	5	2	1	3	7	7	7	2	2	1	0	1	2	3	2	2	5	6	5	3	2	3										
20	2	4	3	3	2	2	3	1	2	1	2	0	2	0	0	1	2	3	2	2	1	2	0	3	2										
21	3	0	2	3	2	2	0	2	6	6	0	4	3	2	1	1	0	0	0	2	2	0	2	0	2										
22	1	6	1	1	3	0	4	2	2	1	2	0	3	0	1	2	0	2	0	4	0	0	1	1	2										
23	0	0	0	0	1	1	2	2	3	3	3	2	2	1	1	2	2	1	2	2	0	2	0	1	1										
24	4	2	2	3	4	0	2	2	2	0	1	0	1	2	1	2	0	0	0	0	0	2	3	1	1										
25	1	2	1	2	1	3	3	2	3	3	2	3	3	3	3	2	2	2	2	2	2	3	3	2	2										
26	3	4	2	3	2	2	0	2	0	1	0	0	0	0	0	2	0	0	0	2	2	2	3	1	1										
27	3	2	4	0	2	0	0	0	1	3	2	2	1	1	2	2	2	2	2	3	3	3	3	2	2										
28	4	3	4	4	5	6	3	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2										
29	0	4	2	0	3	3	3	4	1	0	2	4	3	1	0	1	0	0	2	2	2	3	3	5	2										
30	2	0	2	2	2	2	2	3	0	0	2	2	2	2	1	0	0	0	3	2	1	3	2	0	2										
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0										

PERCENTAGE OF DATA VALID - 97.0

PERCENTAGE OF DATA INVALID - 2.3

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - SE NO 58051

MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH - AUG 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	0	1	0	3	2	5	4	2	2	4	2	4	5	6	3	4	4	****	3	3	3	3	3	3
2	3	3	3	8	3	4	***	***	4	4	3	3	2	2	2	2	2	2	1	3	3	3	1	0	3
3	2	1	5	0	0	0	0	0	0	1	2	0	0	0	1	2	1	2	0	0	0	0	0	0	1
4	1	2	1	2	2	2	1	0	2	0	0	0	0	0	1	0	0	0	0	0	0	4	2	1	1
5	1	2	0	0	0	1	0	2	4	1	0	2	2	2	2	2	4	3	4	2	3	2	0	2	2
6	0	0	4	3	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	3	2	0	3	2	2	2	2	2	2	2	3	2	2	2	2	2	3	8	3	2	2	2
8	2	1	1	2	1	2	2	2	0	2	3	3	2	2	2	2	1	2	2	2	2	2	2	1	2
9	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	3	3	1
10	2	2	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	7	3	1	1
11	5	8	4	3	3	5	5	3	2	2	2	3	6	2	1	1	****	1	4	2	2	3	3	3	3
12	5	4	3	2	1	1	1	1	2	1	1	0	2	2	0	0	0	0	0	0	0	0	0	0	2
13	2	2	0	0	3	3	1	1	1	1	2	2	0	0	0	0	0	0	0	2	3	3	3	2	1
14	5	6	6	2	0	0	2	1	1	0	2	2	2	2	2	2	1	0	3	****	5	3	1	0	2
15	2	2	2	1	0	0	1	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	0	0	1
16	0	0	0	0	0	****	2	0	0	0	0	0	0	1	0	0	0	0	0	0	6	2	0	0	0
17	0	0	0	0	1	2	0	0	0	0	2	2	1	0	0	0	0	0	0	0	2	5	6	5	1
18	2	0	1	0	0	****	6	4	3	2	****	****	2	1	1	1	1	2	2	2	2	1	2	2	2
19	2	2	0	1	2	1	0	3	3	****	****	3	3	4	3	2	2	1	1	2	3	4	4	5	2
20	5	4	4	3	3	4	****	2	2	3	2	2	3	6	4	3	3	4	4	3	2	3	0	1	3
21	3	0	-	****	6	****	4	3	2	2	1	2	3	3	3	3	2	2	2	0	0	1	2	2	2
22	1	2	5	5	6	8	7	2	0	2	6	2	2	2	2	2	2	2	2	2	3	3	6	9	3
23	12	10	9	6	4	4	8	3	3	3	3	3	3	2	2	2	1	1	2	2	1	0	0	5	4
24	2	1	2	2	0	2	0	0	3	7	4	2	1	1	0	0	0	0	0	1	3	3	2	2	2
25	0	0	0	2	2	2	2	2	2	2	3	2	1	0	2	0	1	0	2	3	2	1	0	0	1
26	2	0	0	0	0	1	1	-	2	2	2	3	3	3	3	3	3	2	3	2	2	****	4	2	2
27	2	3	3	2	2	3	3	4	3	3	3	****	3	4	3	4	3	0	0	0	1	0	0	0	2
28	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	1	0	2	2	4	7	6	11	2	
29	12	6	3	4	4	6	7	4	3	2	0	2	0	0	1	2	****	2	2	1	2	2	2	2	3
30	4	5	3	4	4	3	4	4	3	0	0	2	2	2	2	4	2	3	2	****	0	5	2	2	3
31	2	2	2	1	0	2	2	2	2	2	3	2	2	1	2	2	0	0	1	0	2	1	2	3	2
MEAN	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	1	2	3	2	2	1.9

PERCENTAGE OF DATA VALID - 96.9

PERCENTAGE OF DATA INVALID - 2.7

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -* INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - SE NO 58051

MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH - SEP 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	1	2	1	3	****	0	5	3	1	2	1	0	1	0	2	0	0	2	1	0	2	0	0	1
2	0	0	0	0	0	0	2	2	0	2	2	2	0	1	3	1	0	2	3	0	0	0	2	0	1
3	1	0	0	0	0	0	0	2	0	2	0	2	0	0	0	2	0	0	****	0	2	1	****	2	1
4	1	2	3	2	6	4	2	2	2	0	1	1	1	0	1	2	0	2	****	-	2	2	2	2	2
5	3	3	7	0	7	11	3	2	3	4	7	3	****	****	2	2	0	1	1	0	2	3	****	1	3
6	0	****	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	****	1	0	****	****	0	0
7	2	****	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	2	2	0	1
8	0	1	2	1	0	1	1	2	0	0	0	0	0	1	0	0	0	****	2	3	7	****	****	4	1
9	2	8	3	2	2	0	0	2	1	0	2	0	2	0	3	6	6	5	2	2	2	0	0	0	2
10	0	1	0	0	0	0	0	0	0	0	1	0	0	0	****	0	2	0	1	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	2	0	2	0	1	1	2	2	2	2	2	0	0	0	0	0	1
12	0	1	2	1	2	2	3	2	0	0	0	0	0	0	2	2	2	2	3	3	4	2	2	2	1
13	1	5	3	1	0	2	3	3	2	0	3	2	2	0	0	2	2	2	1	2	1	2	2	1	2
14	2	0	3	0	2	0	0	0	0	2	0	0	0	1	0	0	0	1	1	0	0	0	0	2	1
15	0	0	1	0	1	0	2	-	0	0	1	0	0	1	0	0	0	0	2	2	3	3	3	3	1
16	3	5	5	8	2	0	3	0	0	1	2	0	****	1	1	0	****	1	1	0	0	2	0	4	2
17	2	3	2	0	3	0	3	0	3	2	1	3	0	6	4	0	0	0	2	1	0	0	0	0	1
18	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	5	****	1	2	1	1
19	4	3	5	3	3	2	1	2	2	1	2	2	1	0	2	0	0	2	5	4	5	7	0	3	2
20	1	2	0	2	0	****	3	3	0	3	2	2	3	1	2	2	2	3	2	2	2	2	1	0	2
21	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	5	4	1	2	0	1	1	3	0	1
22	2	1	1	0	0	1	0	1	2	2	2	0	0	0	2	2	2	2	3	2	2	2	0	0	1
23	3	2	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	3	3	2	1
24	2	1	2	4	5	6	****	4	0	2	2	0	0	0	0	2	2	1	4	3	3	1	1	1	2
25	2	2	3	3	3	3	5	5	0	4	3	1	3	2	3	2	2	3	****	2	0	2	0	1	2
26	0	0	0	0	2	2	0	2	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	2	0	0	1	-	0	0	0	1	0	0	0	0	0	****	0	0	0	0	2	0	0	0	0
28	0	0	0	1	2	2	2	0	0	0	0	1	0	0	0	0	0	1	0	0	0	2	2	0	1
29	0	0	2	2	0	0	0	2	1	13	3	2	1	2	2	0	1	3	3	4	2	0	2	0	2
30	2	****	3	2	2	3	3	2	4	3	3	3	3	0	3	-	4	4	5	2	3	2	0	2	3
MEAN	1	2	2	1	2	1	1	2	1	1	2	1	1	1	1	1	1	1	2	1	2	2	1	1	1.3

PERCENTAGE OF DATA VALID - 96.1

PERCENTAGE OF DATA INVALID - 3.3

PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -* INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COHS/1000 FT										
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL															MONTH - OCT 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	3	0	3	0	2	3	4	3	3	3	2	3	2	4	5	2	7	3	1	2	2	3
2	3	0	3	0	0	3	0	4	2	2	2	1	0	0	1	1	1	2	0	0	3	0	0	5	1
3	1	0	0	0	2	4	0	3	2	0	2	1	3	1	2	3	0	2	3	2	2	0	2	0	1
4	3	2	1	1	0	0	0	0	0	2	0	0	0	0	0	2	2	3	2	2	1	4	4	0	1
5	2	0	0	2	0	0	2	4	3	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1
6	0	0	0	0	0	1	1	2	1	0	0	1	2	2	2	3	0	0	0	0	0	3	2	0	1
7	0	2	2	0	1	2	2	4	1	2	1	1	0	0	0	3	0	3	3	2	2	3	1	0	2
8	1	0	2	4	2	2	2	3	2	1	1	3	0	1	2	2	2	3	3	2	1	0	0	0	2
9	0	0	0	0	2	2	2	2	1	0	0	1	0	0	2	0	0	4	3	4	2	3	4	6	2
10	7	8	9	9	9	7	4	4	2	3	3	2	2	0	0	0	2	1	2	4	4	5	7	6	5
11	6	5	4	4	4	4	4	3	4	4	4	4	5	1	2	0	0	2	0	5	1	0	2	0	3
12	1	0	0	0	0	0	0	0	0	1	0	2	0	0	0	1	2	2	1	0	0	0	0	0	0
13	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	2	1	0	0	0	0	0
14	0	0	0	0	0	0	0	1	0	2	1	1	0	0	0	0	0	0	3	1	1	2	3	2	1
15	4	4	3	3	2	4	8	11	5	1	2	1	0	1	0	1	0	5	8	9	10	13	14	13	5
16	9	7	6	6	6	6	5	5	6	4	7	4	4	4	2	3	4	5	6	9	10	11	6	5	6
17	13	14	13	8	6	8	8	6	6	4	4	3	5	3	7	8	1	8	12	12	11	15	6	2	8
18	5	5	1	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	1	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2	0	0
20	2	0	1	6	0	0	0	1	0	2	2	0	0	1	2	1	0	2	0	2	2	3	5	3	1
21	1	2	0	0	0	0	2	0	0	0	2	1	2	0	1	2	1	0	3	0	2	0	0	1	1
22	0	0	0	0	0	0	1	2	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0
23	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	1	0	2	3	4	7	10	9	2
24	13	12	13	15	9	10	13	7	2	0	1	1	0	0	0	3	0	2	2	2	3	3	2	2	5
25	4	5	5	5	4	3	3	3	3	2	2	2	0	0	0	0	0	0	0	0	0	0	0	1	2
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0
28	1	0	0	0	0	0	0	1	3	1	1	2	3	0	0	1	0	1	2	1	2	1	1	1	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	2	2	1	2	2	1	0	1
30	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	5	3	1	0	1	0	1
31	0	2	0	1	1	3	1	2	3	3	2	0	3	0	0	0	3	2	2	0	0	1	0	0	1
MEAN	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	3	3	2	1.8

PERCENTAGE OF DATA VALID - 96.6

PERCENTAGE OF DATA INVALID - 2.0

PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *.. INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL															MONTH - NOV 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	2	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	3	4	4	1
3	4	5	2	2	0	0	0	0	0	2	1	1	0	0	0	2	4	4	5	6	8	3	3	3	2
4	2	6	4	9	8	5	1	2	2	3	2	0	0	1	1	1	1	0	0	2	1	0	0	2	2
5	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	2	0	2	-	2	0	0	0	0	1
6	0	0	1	0	0	0	3	2	0	1	2	4	2	0	0	3	1	0	0	0	1	1	0	0	1
7	0	5	1	2	3	0	4	0	1	4	5	3	2	0	3	5	6	4	4	4	6	7	-	3	3
8	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	3	3	6	1
9	3	1	3	1	0	-	2	0	0	0	0	0	0	-	0	0	0	5	4	4	6	5	2	0	2
10	0	1	1	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
13	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	3	3	4	2
14	3	4	6	3	3	3	2	2	2	2	0	3	2	0	0	1	0	0	1	1	1	1	1	1	2
15	0	1	2	1	2	3	0	2	1	2	1	0	0	0	2	0	1	0	0	0	0	0	0	3	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0
17	0	0	0	2	0	2	0	3	1	2	1	7	0	2	0	0	2	2	2	2	2	2	3	4	2
18	0	12	6	4	3	4	3	2	2	1	0	0	1	3	2	1	2	1	1	1	1	2	0	0	2
19	0	1	0	0	0	0	0	0	0	2	0	1	0	0	0	0	1	2	0	0	2	1	2	2	1
20	0	1	0	0	1	0	0	0	0	3	2	2	2	2	0	2	0	0	3	4	6	6	4	3	2
21	4	0	3	4	4	5	8	7	0	0	0	2	2	2	2	3	3	1	3	3	3	3	2	3	3
22	0	3	2	2	3	0	3	2	2	0	3	3	1	0	0	0	0	2	0	0	1	1	0	2	1
23	0	0	0	2	0	2	2	1	0	2	1	0	0	2	3	4	3	4	6	8	7	12	12	9	3
24	4	4	4	4	2	4	3	5	12	3	3	3	3	3	3	4	5	6	7	7	6	7	6	4	5
25	3	5	2	3	2	2	2	4	2	2	0	0	0	0	1	2	2	1	0	2	0	0	0	0	2
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	5	3	3	4	6	8	5	2
27	-	8	9	3	5	5	4	12	8	5	4	4	3	5	6	8	5	5	5	2	2	2	3	2	5
28	4	3	3	2	3	3	3	3	0	3	3	3	2	0	2	3	3	2	2	3	3	5	1	3	3
29	0	2	2	0	0	2	2	0	3	2	2	0	3	0	0	0	0	2	0	2	2	2	1	1	1
30	0	0	0	1	0	0	0	0	3	2	3	0	2	2	0	0	3	1	1	1	2	0	5	0	1
MEAN	1	2	2	2	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 97.1

PERCENTAGE OF DATA INVALID - 1.0

PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *.. INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL														MONTH - DEC 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	11	3	3	0	4	1	1	4	7	****	3	2	2	0	2	****	10	6	8	8	11	21	15	6
2	8	4	4	2	2	2	3	3	4	4	0	3	5	4	5	8	6	6	7	6	8	8	9	1	5
3	0	1	4	7	6	5	4	5	3	4	6	1	2	1	1	0	3	1	2	0	2	1	2	2	3
4	0	0	1	0	0	0	2	0	3	3	2	****	****	1	2	2	3	2	3	2	3	-	2	0	1
5	1	2	0	2	2	2	2	3	2	3	2	1	1	2	3	4	3	3	3	3	4	4	4	2	2
6	4	4	3	0	4	2	3	2	3	8	2	3	2	2	2	2	3	4	0	2	3	3	3	3	3
7	4	4	4	3	4	3	5	3	4	7	10	6	8	5	3	5	3	3	8	6	4	5	4	5	5
8	3	4	2	4	7	9	10	11	14	10	5	5	6	8	10	3	3	2	1	3	3	2	0	0	5
9	2	1	1	0	0	0	1	1	0	0	0	2	1	2	2	1	2	2	1	3	-	-	0	0	1
10	2	2	1	3	1	7	6	3	5	3	2	2	2	2	0	0	1	1	0	0	0	2	0	0	2
11	0	2	0	0	2	1	2	2	3	2	2	2	0	1	1	2	0	1	2	6	-	-	-	3	2
12	2	4	6	4	5	4	4	2	5	0	3	4	2	2	4	5	5	5	4	6	9	4	5	5	4
13	5	6	8	8	6	5	3	2	3	3	2	1	4	1	2	2	2	0	2	1	3	2	5	2	1
14	3	2	2	0	0	2	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
15	0	2	0	2	2	2	1	0	2	2	2	****	2	2	****	3	2	3	2	4	4	3	0	0	2
16	2	3	2	2	2	2	6	2	3	3	2	0	2	2	3	2	3	3	4	4	4	3	0	0	2
17	0	0	0	1	0	0	1	1	3	2	2	2	2	0	****	2	4	5	9	11	2	2	3	0	2
18	****	****	****	3	****	0	2	2	2	1	0	0	0	1	2	3	4	3	3	3	4	-	-	-	2
19	0	0	0	2	1	2	1	3	0	0	0	0	-	-	0	0	2	3	2	2	3	2	2	1	1
20	2	2	3	3	3	3	4	3	3	3	3	2	1	1	1	2	3	2	3	2	3	****	3	3	3
21	3	2	1	2	1	1	0	0	0	0	2	0	0	1	2	1	2	3	5	3	4	6	5	6	2
22	4	4	4	3	3	6	8	21	30	28	10	7	5	6	8	7	4	8	11	13	17	18	3	3	10
23	11	8	8	2	2	2	3	4	16	9	5	11	4	5	3	4	5	6	5	4	4	4	4	3	6
24	4	3	3	3	3	4	3	5	4	****	5	4	0	0	1	0	1	1	0	1	0	0	0	0	2
25	0	0	****	1	0	0	1	0	0	1	2	2	2	2	2	0	2	0	1	2	3	2	2	2	1
26	2	1	4	6	2	1	2	2	1	1	2	1	1	0	0	1	1	1	1	2	2	1	1	2	2
27	3	2	3	2	3	3	2	3	3	3	2	2	3	2	1	2	5	6	7	7	8	8	8	9	4
28	9	11	9	10	9	8	8	7	7	7	7	8	8	8	10	9	9	7	9	11	8	8	8	11	9
29	12	10	13	9	9	7	7	10	17	9	5	3	5	****	4	4	5	4	5	6	5	4	4	3	7
30	0	0	0	0	0	0	0	0	0	0	0	2	15	1	0	0	2	2	2	2	0	2	2	1	1
31	2	2	2	2	0	1	2	1	2	3	3	2	2	1	1	2	3	2	2	2	3	4	5	-	2
MEAN	3	3	3	3	3	3	3	3	5	4	3	3	3	2	3	2	3	3	4	4	4	4	4	3	3.3

PERCENTAGE OF DATA VALID - 96.0

PERCENTAGE OF DATA INVALID - 2.4

PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	2.1	5	14
FEB	29	2.2	5	16
MAR	31	1.9	6	14
APR	30	1.6	4	17
MAY	31	1.7	5	13
JUN	29	1.3	3	23
JUL	31	1.0	3	7
AUG	31	1.9	4	12
SEP	30	1.3	3	13
OCT	31	1.8	8	15
NOV	30	1.6	5	12
DEC	31	3.3	10	30
YEAR	364	1.8	10	30

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	646	54	4	0	0	0	0	704
FEB	612	61	1	2	0	0	0	676
MAR	664	76	2	0	0	0	0	742
APR	676	36	2	2	0	0	0	716
MAY	683	45	6	0	0	0	0	734
JUN	648	10	0	1	1	0	0	660
JUL	706	16	0	0	0	0	0	722
AUG	670	48	3	0	0	0	0	721
SEP	664	26	2	0	0	0	0	692
OCT	638	64	17	0	0	0	0	719
NOV	637	57	5	0	0	0	0	699
DEC	557	133	16	4	4	0	0	714
YEAR	7801	626	58	9	5	0	0	8499

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	FREQUENCY DISTRIBUTION, 50	CONCENTRATIONS, 70	PERCENT, 90	95	98	99	MAX	ARITH MEAN
96.8	0	0.0	0.0	1.1	1.9	3.7	5.1	7.6	9.5	30	1.8

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77018

ASH ST WATER TANK, SUDBURY

MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	0	0	2	0	2	0	3	0	1	0	2	0	0	0	1	0	2	0	0	2	2	2	1
2	1	0	0	0	0	0	0	3	3	3	2	3	1	0	0	2	1	2	0	0	3	3	4	1	1
3	2	3	0	0	1	0	2	0	3	2	1	0	2	0	0	0	0	5	3	3	1	3	3	3	2
4	5	3	2	3	6	5	3	7	3	3	1	3	2	3	2	6	4	8	20	12	8	11	7	6	
5	6	2	2	2	2	2	3	5	3	4	2	2	3	3	2	0	1	5	3	3	3	3	5	3	
6	4	2	4	1	0	2	2	1	3	3	2	3	6	5	2	2	2	2	0	1	0	0	3	2	
7	2	0	2	3	3	0	3	3	2	0	2	0	0	0	0	0	3	2	0	0	0	0	0	0	
8	0	0	0	0	0	2	2	3	2	2	2	2	2	2	5	5	8	6	0	2	2	0	0	2	
9	0	0	0	0	0	2	2	0	3	3	2	3	1	0	0	1	1	2	1	2	0	0	0	1	
10	0	0	0	0	2	3	5	7	5	5	5	4	5	3	3	2	3	2	1	2	1	2	0	3	
11	2	1	2	4	1	3	0	4	2	0	0	0	2	0	2	0	3	3	0	2	0	0	0	1	
12	0	0	0	0	0	0	0	0	2	1	0	0	1	0	2	0	0	0	0	0	2	2	2	1	
13	2	3	2	2	2	2	0	2	2	2	2	0	0	2	0	2	0	3	0	3	1	3	2	2	
14	1	3	1	2	1	2	2	3	2	2	3	0	2	2	3	1	2	4	3	3	1	2	2	2	
15	2	3	3	0	0	1	2	0	2	0	0	0	2	2	0	0	3	2	2	0	2	0	1	2	
16	0	2	2	0	0	3	0	1	2	0	1	2	3	0	3	0	2	3	2	0	0	3	0	1	
17	0	1	2	0	0	2	2	4	4	4	6	3	3	3	3	4	5	5	3	5	4	2	2	3	
18	0	0	1	2	1	1	2	2	2	2	0	0	0	0	0	1	0	2	2	0	0	0	2	1	
19	0	0	0	0	0	1	0	0	2	0	0	0	4	2	0	9	6	2	0	0	0	0	0	1	
20	0	0	0	0	0	1	2	0	0	0	0	0	0	2	0	0	0	2	2	2	2	0	0	0	
21	0	0	0	1	0	0	1	3	4	4	1	2	2	1	0	0	3	3	4	3	1	3	2	3	
22	2	1	0	2	3	0	2	5	9	5	6	2	6	0	4	2	2	3	2	2	3	2	0	3	
23	0	1	0	0	0	0	0	0	0	0	0	2	2	0	0	2	8	2	0	0	0	0	0	1	
24	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	2	3	5	1	0	3	2	
25	4	1	0	3	0	0	4	4	3	6	3	1	0	0	1	0	0	2	16	5	1	0	3	2	
26	1	0	0	0	0	2	0	1	0	0	2	1	0	1	1	2	0	0	0	0	0	2	0	1	
27	3	3	3	4	2	1	0	0	0	0	0	3	3	0	3	0	2	3	0	0	2	3	3	2	
28	4	3	0	2	2	2	1	0	2	2	2	4	2	2	1	2	2	4	6	5	3	3	2	3	
29	4	2	3	2	1	0	0	0	0	0	0	0	0	2	0	0	0	2	3	2	3	0	2	1	
30	2	0	2	0	0	0	0	0	2	0	1	0	0	0	0	0	2	0	0	3	2	0	0	1	
31	0	1	0	0	0	0	0	3	3	0	2	0	0	2	0	0	0	0	0	0	0	1	1	0	
MEAN	2	1	1	1	1	1	1	2	2	2	2	1	2	1	1	1	2	2	3	2	2	2	2	1	

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - NE NO 77016 ASH ST WATER TANK. SUDBURY													MONTH - FEB 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	1	2	0	0	2	0
2	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1	0	0	2	0	2	0	1	0	0	2	2	0	2	0	0	3	2	1	0	0	0	0	3	2
5	0	0	0	0	0	0	0	3	1	0	3	0	2	0	0	0	0	3	3	3	3	2	1	0	2
6	2	1	1	0	0	0	0	2	0	1	3	2	3	2	2	1	0	4	1	0	1	1	1	2	2
7	0	3	2	0	1	2	2	3	2	0	0	0	0	1	2	0	4	2	3	3	0	2	4	4	1
8	2	1	0	0	0	0	1	2	1	0	0	0	2	0	0	0	2	5	3	7	4	2	3	7	2
9	3	3	3	0	1	1	1	1	3	2	0	0	3	0	2	0	2	3	2	4	3	2	1	0	3
10	6	5	4	3	3	2	3	4	5	5	3	3	3	0	2	0	2	3	2	4	3	2	3	2	3
11	0	0	0	0	0	1	2	3	3	3	5	2	0	2	0	2	2	3	3	6	2	2	3	2	3
12	0	0	1	0	2	0	0	2	3	1	2	2	0	0	2	2	2	2	5	3	2	2	0	0	1
13	0	0	0	0	0	0	0	2	3	2	0	2	0	2	0	0	2	0	0	2	0	0	0	0	0
14	2	2	0	0	0	2	0	2	2	2	1	0	0	0	2	0	1	0	3	4	3	10	14	10	3
15	11	11	7	8	8	2	2	3	4	5	4	0	2	3	0	3	0	3	7	6	6	8	9	8	5
16	5	5	2	3	1	1	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	1
17	2	1	0	0	0	0	3	4	2	2	0	0	4	0	2	0	0	0	0	2	2	0	2	0	1
18	0	3	0	0	0	0	0	3	0	0	0	0	3	0	1	0	3	0	0	0	3	2	2	2	1
19	3	0	0	0	0	1	0	3	0	0	2	1	2	0	0	2	3	2	3	3	2	2	2	2	2
20	2	2	2	3	1	2	3	4	4	3	3	2	2	2	2	3	2	2	3	2	2	2	2	2	2
21	2	2	0	0	0	2	1	3	2	2	0	0	2	1	0	1	0	0	0	3	0	0	1	2	1
22	1	0	2	0	2	0	0	1	2	2	0	1	2	2	1	0	0	3	1	2	1	1	0	2	1
23	2	2	2	2	3	5	5	4	1	0	1	0	0	0	0	0	2	0	1	3	0	3	2	2	2
24	2	4	2	2	0	2	0	3	0	2	0	0	3	0	0	0	0	2	0	0	0	2	1	2	2
25	1	0	2	1	2	2	2	2	3	2	5	2	4	4	3	1	0	0	2	2	1	1	0	0	1
26	0	0	0	0	2	0	2	2	1	3	3	0	0	2	2	5	0	0	2	0	0	0	0	1	1
27	0	0	0	0	1	1	2	2	2	0	0	0	2	0	0	4	3	0	0	2	0	0	0	0	1
28	0	0	1	0	2	0	2	2	2	0	0	3	1	0	2	1	1	0	0	1	0	2	0	0	1
29	0	0	0	0	0	2	0	0	0	2	1	1	2	2	2	1	1	0	0	1	0	2	0	0	1
MEAN	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1.5

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.3

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - NE NO 77016 ASH ST WATER TANK. SUDBURY													MONTH - MAR 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	2	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	2	3	2	3	2	3	1
2	5	9	1	0	5	3	2	2	2	3	0	3	1	0	0	0	0	0	0	3	3	2	1	0	2
3	0	0	1	2	0	0	3	3	3	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
4	0	3	0	3	0	4	0	5	2	2	1	3	0	0	1	0	2	0	0	0	0	0	0	0	1
5	2	0	0	0	0	0	0	0	0	5	2	2	0	2	2	0	0	0	2	2	0	0	2	2	1
6	0	0	0	0	2	1	0	0	0	2	0	3	2	1	0	0	0	0	1	2	1	2	3	2	2
7	2	0	0	0	2	2	2	2	5	3	3	0	2	0	0	0	0	2	2	4	2	3	1	3	2
8	12	13	12	***	10	***	5	10	7	4	3	2	1	1	3	1	2	2	4	2	3	3	4	5	2
9	3	4	2	2	3	2	2	2	3	2	1	0	1	2	3	0	2	2	3	0	0	0	0	0	3
10	2	3	2	5	4	2	3	0	2	1	0	1	2	3	0	2	2	3	0	0	0	0	0	0	0
11	0	2	***	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	2	0	0	3	0	2	2	0	0	3	0	4	8	7	5	3	8	2
13	6	2	3	2	2	2	0	3	2	2	2	0	2	0	0	4	4	1	2	2	4	4	0	0	1
14	0	0	0	0	2	3	2	0	2	***	0	0	0	0	0	2	0	0	0	2	5	13	12	9	2
15	0	***	0	0	0	0	0	0	2	0	0	2	0	0	0	2	0	0	3	6	3	2	3	4	7
16	13	8	1	0	2	1	0	0	0	2	1	1	0	0	0	4	2	2	0	0	0	4	0	0	0
17	5	2	2	0	2	1	3	5	5	5	***	6	5	3	4	2	0	0	0	0	0	0	0	0	1
18	2	0	0	0	0	2	0	3	0	3	0	0	0	0	0	0	0	0	0	2	0	2	2	2	3
19	0	3	0	0	4	6	6	3	5	3	4	4	2	3	2	3	3	3	4	2	4	5	2	4	4
20	2	3	2	2	3	3	4	4	4	4	5	4	3	3	3	3	3	3	5	5	2	4	5	4	0
21	5	4	4	4	5	4	3	2	2	1	1	0	0	0	0	2	3	3	1	0	0	0	0	0	2
22	2	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	1	2	2	4	2	2	2	4	2
23	0	4	1	2	0	0	3	0	0	3	0	0	1	2	2	2	2	2	3	0	2	2	0	0	2
24	1	0	2	0	0	0	2	3	2	6	2	0	0	0	0	0	2	0	0	0	0	2	3	2	1
25	0	2	0	1	1	2	1	0	0	1	0	0	0	0	0	0	1	0	0	0	2	4	5	3	3
26	0	0	1	0	0	3	0	0	2	0	3	0	0	1	1	0	0	2	2	0	1	2	2	2	3
27	3	5	5	4	5	6	4	7	6	4	3	1	1	1	0	0	0	0	0	2	2	1	3	4	3
28	2	3	6	6	4	3	3	3	3	2	3	2	3	2	2	0	3	2	1	2	3	1	0	2	1
29	5	3	3	3	1	0	1	0	0	0	0	0	1	0	2	2	1	0	0	1	2	3	0	0	0
30	1	2	0	0	2	2	2	1	0	0	0	0	1	1	3	2	3	2	2	2	0	0	0	0	0
31	0	0	2	0	0	0	0	2	1	1	0	2	1	2	2	2	4	3	0	5	3	3	4	3	2
MEAN	2	3	2	1	2	2	1	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ** INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 CCHS/1000 FT													
STATION - NE NO 77016 ASH ST WATER TANK. SUDBURY													MONTH - APR 80													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	2	1	2	1	2	3	4	5	5	-	-	4	4	1	1	0	0	0	2	1	0	3	0	2	2	
2	2	1	0	0	0	0	0	3	1	0	2	0	2	2	2	0	0	0	2	2	2	2	3	4	1	
3	6	3	5	4	4	5	6	7	5	3	---	2	2	0	1	2	0	0	0	1	0	0	0	0	3	
4	0	0	0	0	0	1	1	2	0	0	0	0	0	2	1	0	1	1	0	0	0	0	0	1	0	
5	0	0	0	0	0	0	0	1	2	1	1	2	0	0	1	0	0	1	2	2	0	0	0	0	1	
6	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	1	2	0	0	2	4	2	0	1	
7	0	1	0	0	0	2	3	3	4	4	3	4	3	3	3	0	3	5	0	2	5	4	0	3	2	
8	1	2	0	4	3	3	3	4	6	4	3	3	4	2	4	0	2	0	0	0	0	0	0	0	2	
9	0	1	1	2	0	3	3	3	2	5	0	0	0	0	0	0	2	2	3	3	2	2	0	3	2	
10	0	3	1	2	2	0	2	0	2	0	1	1	1	0	2	2	2	0	2	2	2	2	0	2	1	
11	2	2	0	0	0	0	0	0	2	0	1	2	0	0	2	1	2	0	0	1	2	0	2	1	1	
12	1	0	0	1	0	0	1	0	3	2	3	2	2	3	1	2	2	0	0	0	0	0	0	0	0	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	2	2	1	0	2	2	1	---	1	1	0	1	0	2	2	2	2	1	
15	0	0	0	2	0	2	3	3	5	4	4	0	4	0	0	0	0	0	0	0	0	0	0	0	1	
16	0	0	1	0	0	0	0	0	0	3	0	2	3	1	0	1	0	0	0	0	2	3	8	2	1	
17	2	1	0	2	0	2	0	1	0	1	0	0	2	1	2	1	1	2	2	3	3	3	7	1	1	
18	0	2	2	1	0	0	0	0	1	0	0	0	2	2	4	0	0	2	0	2	2	3	3	5	3	
19	3	2	1	3	3	4	4	3	3	2	0	2	5	0	3	3	0	3	4	2	3	3	3	1	1	
20	0	0	3	0	2	0	0	2	0	2	0	0	0	0	0	3	0	0	0	2	0	2	1	0	1	
21	0	0	2	0	1	0	0	1	0	0	2	0	0	3	0	3	0	0	2	0	3	1	3	1	1	
22	0	2	0	2	0	0	1	2	2	0	2	0	0	0	1	2	2	0	0	6	2	3	4	1	1	
23	2	0	0	2	2	0	1	3	3	2	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	1	3	2	2	2	3	1	2	0	0	2	2	0	3	3	2	5	2	1	
25	0	3	1	2	0	4	1	4	4	2	0	1	3	0	0	0	0	0	3	2	2	5	0	2	2	
26	3	6	0	3	1	2	2	0	2	0	0	3	0	0	0	0	0	0	5	5	2	3	0	0	0	
27	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	
28	0	0	1	0	0	2	0	3	0	3	0	3	0	1	4	0	0	0	0	0	0	0	3	1	1	
29	2	0	0	0	0	4	2	0	0	0	0	0	1	0	0	2	2	0	2	2	3	1	1	1	1	
30	3	3	2	2	0	3	5	2	3	0	2	2	2	0	3	0	3	2	0	0	0	2	2	2	1	1
MEAN	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1.2	1.2	

PERCENTAGE OF DATA VALID - 98.6

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 1.1

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
2. --- INDICATES DATA IS UNAVAILABLE
3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - NE NO 77016 ASH ST WATER TANK. SUDBURY													MONTH - MAY 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	2	1	0	3	3	3	0	2	2	0	2	2	0	0	0	2	0	0	0	0	0	0	1
2	0	0	3	0	3	0	6	4	2	3	2	0	0	0	0	0	2	2	0	0	1	0	3	0	1
3	2	2	0	0	0	2	2	0	0	2	4	8	5	0	0	0	0	0	0	2	0	0	0	0	1
4	0	0	0	2	0	2	2	2	0	2	3	0	0	0	0	1	1	0	1	2	0	0	0	0	1
5	2	2	0	2	0	1	0	2	2	---	3	0	0	3	0	4	0	0	3	0	0	0	0	0	1
6	0	0	0	0	1	0	0	0	0	0	0	1	2	0	2	0	3	0	2	0	2	0	1	2	1
7	0	2	1	0	0	2	0	2	0	4	0	1	0	0	0	2	0	0	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	---	0	3	0	0	3	0	0
9	2	0	1	0	3	0	0	3	0	4	0	0	0	1	3	3	0	0	0	0	0	0	0	3	1
10	0	0	3	0	0	0	2	2	0	3	0	0	0	2	0	2	1	2	0	3	3	0	2	3	1
11	1	1	2	0	0	0	1	5	0	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1
12	0	0	0	2	3	0	3	0	0	0	2	0	0	2	2	0	2	0	2	0	2	0	1	0	0
13	1	0	3	2	0	0	4	4	0	0	0	0	0	0	2	1	0	0	0	1	2	0	0	0	0
14	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	3	2	0	0	0
15	0	0	0	0	1	3	3	0	1	3	3	0	0	1	2	0	0	0	0	1	0	0	0	0	0
16	2	1	0	0	0	0	0	0	2	0	0	3	0	0	0	0	0	0	0	0	0	2	3	2	1
17	0	0	2	3	0	3	4	2	1	3	0	0	0	0	0	0	0	0	2	2	1	0	2	0	1
18	0	3	3	0	3	0	2	2	0	2	0	2	2	0	0	0	0	0	0	1	0	2	0	4	1
19	2	2	0	0	2	3	3	2	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	1
20	4	0	3	0	0	3	6	7	6	0	3	2	0	0	0	0	0	0	0	0	0	1	1	0	2
21	1	2	0	0	3	1	5	0	3	2	0	0	0	0	0	0	2	1	2	1	2	2	3	0	1
22	2	0	0	2	3	4	12	6	4	2	1	2	3	2	2	1	2	2	2	1	1	2	3	0	2
23	1	2	2	1	3	6	8	8	---	2	2	3	2	0	2	2	2	0	2	3	3	2	3	3	3
24	2	3	2	3	4	7	4	2	3	2	2	2	1	0	2	4	0	0	2	2	0	2	1	2	2
25	1	2	3	0	0	0	1	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	2	0	0	0	0	2	0	0	0	---	3	0	0	0	0	0	0	0	0	0	0	0	0	0
27	2	0	0	0	0	1	2	0	9	0	3	0	0	2	1	0	0	0	0	0	3	1	0	1	1
28	1	0	2	0	2	0	2	2	2	2	0	0	0	2	3	1	0	0	0	2	3	2	2	1	1
29	2	4	0	4	0	5	1	4	3	0	0	0	0	0	0	0	2	0	0	2	2	2	2	1	1
30	2	4	2	0	0	4	1	3	4	2	3	4	3	4	5	3	2	2	2	3	3	3	3	2	3
31	2	0	0	2	0	0	2	0	0	2	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	2	3	2	1	2	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.4

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
2. --- INDICATES DATA IS UNAVAILABLE
3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - NE NO 77016															MONTH - JUN 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	2	0	0	2	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0	0	2	3	1
2	0	0	3	0	0	2	0	3	1	0	2	3	5	0	0	0	0	0	0	1	2	0	0	0	0
3	2	0	0	2	0	0	3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	2	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5	0	0	1	3	0	2	3	0	3	0	0	0	0	0	0	0	3	1	0	4	0	1	2	0	1
6	0	0	0	1	2	3	2	0	4	2	0	4	3	0	3	0	4	2	0	0	1	0	0	0	1
7	3	0	0	2	0	4	1	2	3	0	0	2	3	0	0	0	2	0	0	0	0	0	0	2	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0
9	2	0	0	0	0	3	0	2	0	2	0	0	0	0	0	0	3	2	0	1	0	0	5	0	1
10	0	2	1	0	3	1	0	0	3	2	0	3	0	0	0	0	0	3	2	0	1	0	0	0	1
11	0	2	3	0	0	0	2	0	1	2	0	2	0	0	0	0	2	2	0	3	2	4	2	0	1
12	4	3	5	3	2	2	0	3	0	1	0	3	1	0	0	0	0	0	0	0	0	0	0	0	2
13	0	0	3	0	1	3	0	3	2	0	0	1	2	4	2	0	0	0	0	2	3	3	4	2	2
14	2	7	5	1	2	4	2	...	...	...	0	2	0	0	0	0	0	0	0	1	2	0	0	0	0
15	0	1	0	2	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	3	2	0
16	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	1	0	1
17	0	0	2	0	2	0	1	2	0	0	0	2	0	0	0	1	0	0	0	0	0	0	2	2	0
18	0	0	0	3	0	0	2	0	1	0	0	0	0	0	0	1	0	0	2	0	0	0	1	1	1
19	0	0	3	0	2	0	2	0	2	0	2	2	0	2	1	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	2	2	0	0	3	1	0	0	2	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1
22	0	2	0	0	0	2	3	0	0	0	1	0	0	0	0	0	2	2	1	2	1	1	0	2	1
23	2	2	2	3	3	3	2	4	4	3	2	1	2	...	3	2	0	2	2	0	0	0	0	2	4
24	2	0	1	0	2	3	8	28	0	4	4	0	0	8	4	0	0	2	0	4	6	0	0	0	3
25	2	4	4	0	4	8	4	0	0	10	4	4	16	4	0	2	3	0	0	1	0	0	0	1	3
26	1	0	1	0	0	2	2	2	2	0	0	1	0	0	2	4	5	1	2	0	0	0	0	0	1
27	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	2	0	
28	3	0	0	2	0	0	2	0	2	0	0	2	2	0	0	2	2	0	0	0	0	2	0	0	1
29	0	2	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	0	0	0	0	0	2	0
30	0	2	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ... INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX															UNITS - 0.1 COMS/1000 FT										
STATION - NE NO 77016															MONTH - JUL 80										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	0	0	0	2	0	0	2	3	0	0	0	0	3	0	0	0	3	0	0	2	3	2	0	1
2	2	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	3	2	0	2	4	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
4	0	0	0	1	2	3	2	0	0	...	0	1	0	1	0	0	0	2	3	0	2	0	0	0	1
5	2	3	2	2	3	2	3	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	2	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	2	2	3	3	1	1	1	2	0	0	0	0	0	0	0	0	1	1	0	0
8	0	0	0	1	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
9	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
10	2	2	1	0	2	4	4	4	3	2	3	2	2	2	1	0	1	1	0	2	1	1	0	0	2
11	0	0	1	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0
12	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	1	2	2	2	0	0	0	0	0	2	2	2	4	2	1	2	3	3	2	2	2	2
14	0	0	0	0	2	1	2	3	1	2	0	1	3	3	1	0	0	0	0	0	0	0	0	0	0
15	2	2	2	2	2	0	3	3	3	2	0	1	3	3	1	2	2	1	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	1	0	1	0	2	...	0	1	0	1	0	0	0	0	1	2	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1
18	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	2	0	2	2	2	2	2	3	2	2	2	2	0	1	0	0	0	0	0	0	0	0	0	0	0
20	1	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	3	2	3	2	2	0	...	1	0	0	0	0	0	0	3	0	0	1
22	0	0	0	0	0	0	1	0	0	0	0	0	0	4	0	0	0	0	0	0	...	...	...	...	0
23	...	...	...	...	...	...	...	...	...	...	...	...	0	0	0	0	0	0	0	0	0	1	0	0	1
24	0	0	0	0	2	2	2	3	3	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
25	0	1	0	0	0	3	3	3	2	1	3	3	3	2	0	0	0	0	0	0	2	1	2	1	1
26	0	2	0	0	0	4	0	0	2	2	2	0	0	0	0	1	2	0	0	0	0	0	0	0	1
27	1	2	1	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	2
28	0	2	1	1	1	2	4	4	2	2	2	2	0	2	0	0	0	0	0	2	1	0	0	0	1
29	0	0	2	2	2	2	2	2	1	2	0	2	2	2	0	0	0	0	0	0	2	2	2	2	0
30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	2	2	2	2	0
31	0	0	0	0	0	0	0	2	4	2	1	2	2	2	1	0	2	0	2	0	3	1	0	1	1
MEAN	1	1	0	1	1	1	1	2	1	1	1	1	1	1	1	0	0	1	0	0	1	1	1	0	0.7

PERCENTAGE OF DATA VALID - 97.0 PERCENTAGE OF DATA INVALID - 2.3 PERCENTAGE OF DATA UNAVAILABLE - 0.7

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 2. ... INDICATES DATA IS UNAVAILABLE
 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - NE NO 77016 ASH ST WATER TANK. SUDBURY													MONTH - AUG 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	3	5	7	5	3	3	2	0	1	1	0	0	0	0	3	0	0	0	0	2
2	0	0	1	0	0	2	2	2	2	1	2	1	2	1	1	1	0	0	0	0	1	1	2	2	1
3	2	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
5	0	0	0	0	0	3	3	3	3	2	2	2	0	0	2	1	2	0	0	2	1	1	0	0	1
6	0	1	2	2	2	2	3	2	2	2	3	2	2	0	2	4	4	0	6	2	4	8	8	16	3
7	10	2	10	4	0	12	2	6	4	6	8	0	2	2	1	2	2	-	1	1	0	1	0	0	3
8	0	0	0	1	0	2	2	2	0	2	2	2	2	1	1	2	0	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	4	0
10	5	6	3	2	4	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1
11	2	2	0	1	2	2	5	4	3	2	0	2	7	0	0	0	1	0	2	0	0	0	0	0	0
12	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	2	2	0	2	4	5	5	5	1	2	1	0	0	0	0	0	2	0	0	0	1	0	0	1
14	1	2	1	2	3	4	4	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	2	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	2	1	2	0	1	1	3	1	0	0	0	0	0	0	0	0	0	0	0	3	0	0	1	0	1
18	0	0	0	0	0	0	1	2	2	2	3	3	3	2	2	2	2	1	2	2	2	0	1	2	1
19	0	0	0	0	0	0	4	4	3	1	0	0	0	1	0	2	1	0	0	0	0	0	1	2	1
20	2	2	3	0	0	2	4	4	3	1	0	0	0	1	0	2	0	2	0	2	3	4	3	2	2
21	2	2	-	4	2	2	3	2	2	2	2	3	2	3	2	2	1	1	0	1	1	0	0	0	2
22	0	0	0	0	0	0	2	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
23	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
25	0	0	0	1	1	2	5	3	1	2	0	2	4	2	0	2	1	0	2	2	0	1	0	2	1
26	2	1	1	1	2	2	2	-	0	2	2	3	2	1	2	0	0	2	2	2	3	3	3	1	2
27	0	0	0	0	0	0	0	1	0	2	0	2	2	0	2	2	0	0	0	2	2	0	0	0	1
28	0	0	2	1	1	0	2	4	3	1	1	0	0	0	1	0	0	0	0	2	0	1	0	0	1
29	0	0	0	0	0	2	2	3	2	2	3	3	3	3	2	3	2	3	2	2	2	2	2	2	2
30	2	2	2	2	3	3	3	3	3	2	3	2	3	3	2	2	0	1	1	2	2	2	0	0	2
31	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - NE NO 77016 ASH ST WATER TANK. SUDBURY													MONTH - SEP 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	2	1	2	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2	0	0	0	0	0	2	2	2	2	0	1	1	1	2	2	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	2	2	1	0	2	0	2	0	1	0	0	0	1	0	0	2	2	1
4	0	2	0	0	0	2	2	0	2	2	2	1	2	0	2	2	2	2	3	1	3	2	3	2	2
5	0	0	2	2	0	2	2	3	1	1	0	2	0	0	0	0	0	0	0	1	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	2	4	4	2	1	2	0	2	2	2	2	2	0	0	0	0	0	0	1
9	0	0	0	0	2	3	3	3	0	0	0	0	0	2	3	0	0	0	0	0	1	0	0	0	1
10	0	0	2	2	2	1	0	0	0	1	0	0	0	2	1	2	0	0	0	0	0	0	0	0	1
11	1	0	0	0	1	2	1	2	0	3	2	0	0	0	0	0	2	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	4	4	2	0	4	3	0	0	0	0	0	0	2	2	3	2	0	0	1
13	4	2	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	5	2	0	2	2	1	2	1	2	1	1	2	0	0	0	1
16	0	0	0	0	0	1	2	2	2	1	0	1	2	2	2	3	2	3	2	0	0	0	0	1	1
17	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0	0	3	5	2	0	1	1	1
18	2	3	0	2	2	3	6	7	5	4	3	2	1	2	3	4	2	2	2	2	3	4	2	2	3
19	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	3	0	0	0	1	2	1
20	2	4	2	2	2	3	4	4	4	5	3	3	2	0	0	3	0	0	0	0	0	0	0	0	2
21	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	2	5	2	0	0	0	0	0	0	1
22	0	0	0	0	0	0	2	3	3	2	3	2	3	2	3	2	3	5	4	3	0	0	0	0	2
23	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	4	7	4	1
24	4	5	12	4	3	2	2	7	5	4	3	1	0	0	1	2	2	0	2	5	3	2	2	3	3
25	5	5	2	1	0	7	10	7	6	3	3	3	3	3	3	3	2	2	4	2	0	2	6	6	4
26	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	1	0	3	0	1	4	3	4	3	3	2	0	0	0	0	0	0	2	3	2	2	2	0	2	2
28	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	6	2	4	7	6	1
29	0	0	0	1	3	3	3	4	4	3	4	0	0	0	2	1	2	2	2	2	2	6	4	3	2
30	4	3	6	4	3	0	1	2	2	2	0	1	0	2	2	1	1	1	2	2	2	0	0	0	2
MEAN	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY														MONTH - OCT 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	2	0	2	7	5	7	7	5	3	4	3	3	3	3	3	2	2	1	0	0	1	0	3
2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	1	2	0	2	2	0	0	2	0
3	0	0	0	0	0	0	1	1	4	0	2	0	0	0	0	2	1	2	0	2	2	0	0	3	0
4	2	2	0	0	2	0	2	1	2	1	1	2	0	1	2	1	2	1	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	3	1	3	1	2	2	0	1
6	3	2	2	1	0	3	3	3	2	2	1	0	0	1	3	2	2	-	2	2	1	2	2	2	2
7	0	1	2	2	2	1	0	2	0	2	0	0	2	3	3	0	2	0	3	3	0	0	0	0	1
8	0	0	1	2	2	4	3	2	3	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9	0	0	2	3	0	0	2	0	2	0	0	0	0	0	0	0	0	0	1	4	4	3	2	10	1
10	5	3	3	2	3	3	5	5	2	3	2	2	0	0	4	3	0	2	2	2	4	2	3	3	3
11	1	0	1	2	2	2	2	3	3	3	5	4	0	4	2	3	0	2	0	2	1	0	0	0	2
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	1	1	0	1	0	0	2	3	2	0	0	3	9	0	2	6	4	1
15	2	1	2	2	2	2	3	9	8	2	1	2	0	0	2	0	2	3	6	7	2	3	5	10	3
16	9	10	15	14	11	15	9	12	13	17	7	1	2	0	0	0	2	3	5	2	5	5	3	2	7
17	2	1	2	1	3	3	3	6	5	****	5	5	3	3	3	3	2	1	2	0	2	3	0	0	0
18	2	0	0	1	0	0	0	1	0	1	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	****	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	3	0	0	0
21	1	0	0	2	1	3	3	3	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1	1	2	0
23	1	0	0	1	2	3	4	4	3	0	0	2	0	0	1	2	0	0	2	2	0	1	1	0	1
24	0	0	0	0	0	0	0	1	2	2	2	3	0	0	3	0	3	0	2	1	0	0	2	3	1
25	0	0	0	4	8	7	7	3	4	2	2	3	5	3	3	0	0	2	2	0	0	1	0	0	2
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	6	5	3	2	2	0	1
30	0	0	0	0	0	1	1	2	2	0	0	0	0	2	0	2	3	1	2	0	2	2	0	2	1
31	0	2	0	2	1	2	0	2	0	2	-	0	0	0	0	2	1	0	0	0	0	0	0	0	1
MEAN	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - NE NO 77016 ASH ST WATER TANK. SUDBURY														MONTH - NOV 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	3	3	2	0	2	0	0	1
3	0	0	0	0	2	1	2	2	3	2	0	0	3	0	2	2	2	2	3	3	3	3	3	0	2
4	3	3	3	2	3	3	4	4	4	2	2	2	0	2	0	0	0	1	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	0	0	0	0	0
6	1	0	0	0	0	0	0	0	0	1	2	3	2	2	1	1	3	2	3	4	1	4	5	4	0
7	2	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	2	1	0	0	1	0	0	0
9	0	0	0	0	1	0	2	2	2	8	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	-	0	0	0
12	0	0	0	0	0	2	0	2	2	0	1	0	0	3	0	2	3	2	0	2	1	1	2	7	1
13	1	1	0	0	0	2	3	6	6	3	4	5	4	3	2	2	2	2	1	2	0	0	0	0	2
14	0	0	0	0	0	0	0	0	0	3	2	2	1	0	2	0	2	4	2	2	0	0	2	0	1
15	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	3	3	4	3	3	6	1	0
16	0	0	0	0	0	0	0	0	3	0	0	0	2	0	0	0	0	3	3	4	3	3	3	6	1
17	10	4	1	2	2	3	3	7	9	7	-	3	2	6	6	8	11	4	3	4	3	0	2	0	4
18	0	0	0	0	0	0	1	2	1	0	0	0	2	0	0	0	0	0	2	3	4	6	6	4	1
19	2	2	2	3	3	3	3	3	3	2	0	2	2	3	1	2	2	1	0	2	2	0	3	3	2
20	2	2	1	2	2	4	3	3	4	3	3	2	3	3	2	3	4	4	5	5	4	5	5	4	3
21	4	3	4	3	2	2	4	6	7	0	6	4	3	1	0	0	0	0	0	0	0	0	0	0	2
22	0	0	0	0	0	0	0	2	2	2	2	2	2	2	3	2	2	2	2	2	1	0	1	1	1
23	0	2	2	2	2	2	2	2	2	2	3	3	3	3	2	3	4	3	3	3	2	2	3	2	2
24	1	2	2	3	3	2	2	2	2	0	0	0	0	0	0	0	3	0	1	0	0	0	0	0	1
25	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2	2	4	3	2	3	4	1
26	5	3	9	3	3	4	12	14	23	***	4	3	2	2	3	2	4	5	6	7	6	8	9	8	6
27	-	4	3	3	2	0	2	3	4	3	2	2	2	2	0	0	1	1	0	0	0	0	0	0	1
28	0	0	0	0	0	0	2	2	2	3	3	1	2	3	3	3	2	2	4	2	3	3	2	2	2
29	2	1	2	2	2	0	1	2	0	0	1	0	0	0	1	0	2	0	1	0	2	0	2	2	1
30	2	0	1	0	0	0	0	0	2	0	0	0	0	0	2	2	3	3	4	2	2	3	5	4	1
MEAN	1	1	1	1	1	1	2	2	3	2	1	1	1	1	1	1	2	2	2	2	2	1	2	2	1.4

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX											UNITS - 0.1 COMS/1000 FT														
STATION - NE NO 77016 ASH ST WATER TANK. SUDBURY											MONTH - DEC 80														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	1	2	0	0	1	4	2	0	3	3	2	1	2	2	1	2	3	2	1	0	3	0	2
2	1	0	0	2	2	0	2	3	3	2	2	0	1	1	1	0	2	1	0	1	0	0	2	0	1
3	0	0	0	2	0	0	0	3	2	0	2	0	0	0	0	0	2	1	0	2	0	3	3	4	1
4	2	0	3	2	1	2	0	1	1	0	2	2	3	2	2	3	4	8	8	6	3	-	3	2	3
5	3	1	0	0	1	1	3	4	3	2	3	2	2	1	2	3	5	4	7	7	5	4	2	3	
6	2	1	1	2	0	1	2	0	2	3	2	3	2	3	3	0	3	3	0	3	3	4	4	2	2
7	2	5	4	2	3	2	2	4	3	5	3	3	3	3	3	2	3	3	3	3	3	5	2	3	3
8	2	2	2	2	2	0	4	4	3	3	2	2	2	2	0	0	0	0	0	0	0	0	0	0	1
9	0	0	0	0	1	0	1	3	3	2	0	2	2	2	2	2	0	4	3	2	-	-	0	2	1
10	3	2	1	2	1	1	3	4	3	2	2	0	0	0	2	4	0	2	0	0	0	0	0	2	1
11	1	2	0	0	0	0	0	1	3	0	2	0	0	2	0	0	6	5	9	9	-	-	-	11	2
12	7	10	11	11	8	5	8	4	9	***	4	3	6	3	3	4	7	5	4	3	4	0	0	1	5
13	0	2	0	1	0	1	3	3	1	0	0	0	0	0	0	0	5	6	5	3	4	3	4	2	2
14	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	4	4	7	7	3	5	4	1	
15	5	3	2	1	0	0	1	2	2	3	3	0	3	0	2	2	3	3	2	3	2	2	2	2	2
16	2	3	2	3	3	3	2	3	3	4	4	2	2	2	1	3	4	2	0	2	2	3	2	2	2
17	3	2	2	2	2	2	3	6	8	5	4	4	4	3	1	3	6	2	2	***	8	1	1	1	3
18	0	0	0	0	0	0	0	0	1	1	3	3	2	2	2	0	4	4	3	0	0	-	-	-	1
19	0	2	0	0	0	0	0	1	2	0	1	1	-	-	1	1	2	1	2	1	2	3	3	4	1
20	2	2	2	2	1	1	2	3	2	2	1	1	2	0	2	0	2	3	4	4	2	0	0	0	2
21	0	0	0	0	1	2	0	0	3	4	2	2	0	2	1	2	2	2	4	3	2	2	0	3	2
22	4	4	4	3	4	4	2	7	7	7	7	***	0	0	0	0	0	0	0	0	0	0	0	0	2
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	2	1	0	2	2	2	1	2	0	2	1	2	2	1
30	1	0	2	2	2	0	2	1	3	2	2	2	2	0	2	0	3	3	2	1	2	2	2	1	2
31	1	0	0	0	0	0	0	0	3	0	0	2	3	2	2	3	2	3	4	3	4	4	2	-	2
MEAN	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	2	2	2	2	1	2	2	1.6

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1990

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - NE NO 77016 ASH ST WATER TANK. SUDBURY

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.6	6	20
FEB	29	1.5	5	14
MAR	31	1.8	5	13
APR	30	1.2	3	8
MAY	31	1.1	3	12
JUN	30	0.9	3	28
JUL	30	0.7	2	5
AUG	31	1.0	3	16
SEP	30	1.1	4	12
OCT	31	1.2	7	17
NOV	30	1.4	6	23
DEC	31	1.6	5	11
YEAR	365	1.3	7	28

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	690	44	2	2	0	0	0	738
FEB	650	32	3	0	0	0	0	685
MAR	680	52	6	0	0	0	0	738
APR	686	24	0	0	0	0	0	710
MAY	719	17	1	0	0	0	0	737
JUN	703	11	0	1	1	0	0	716
JUL	720	2	0	0	0	0	0	722
AUG	710	21	1	1	0	0	0	733
SEP	687	26	1	0	0	0	0	714
OCT	690	35	6	1	0	0	0	732
NOV	679	32	3	0	1	0	0	715
DEC	687	39	3	0	0	0	0	729
YEAR	8301	335	26	5	2	0	0	8669

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
98.7	0	0.0	0.0	0.0	1.4	2.8	3.8	5.6	7.3	28	1.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - NE NO 77028 GOVERNMENT/EDWARD ST CONISTON

MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	0	0	2	3	5	9	1	0	2	2	0	1	2	2	0	0	0	0	2	5	6	4	3	2
2	2	2	2	1	0	0	0	0	0	2	3	1	0	2	0	2	1	3	2	3	0	0	0	0	1
3	0	0	0	0	0	0	0	1	0	0	0	0	1	0	4	0	2	0	3	5	8	5	6	8	2
4	8	5	4	3	4	5	6	10	9	7	5	4	4	4	4	4	3	2	6	11	9	6	5	3	6
5	3	0	0	0	3	0	0	2	2	0	0	0	1	0	0	3	0	0	2	4	2	3	3	3	1
6	4	6	4	3	3	2	1	2	1	3	3	3	0	6	0	0	2	0	0	0	3	0	0	0	2
7	3	0	2	1	2	0	2	3	3	5	2	0	0	2	0	2	3	0	0	1	0	1	0	0	1
8	0	0	0	4	0	2	5	6	4	2	0	2	2	4	0	3	1	5	6	3	0	0	2	0	2
9	0	1	0	0	0	0	1	2	3	3	5	2	2	2	0	0	0	0	3	3	3	0	3	2	1
10	3	3	2	4	4	4	0	3	0	0	2	0	3	0	0	0	4	4	2	0	1	0	3	0	2
11	0	3	6	3	2	3	0	3	0	4	0	0	2	3	0	0	2	4	2	0	6	1	0	0	2
12	0	4	0	0	0	0	0	0	0	2	0	2	1	0	1	0	0	3	2	4	3	2	4	2	1
13	2	0	0	3	1	5	0	2	3	0	2	0	0	3	4	1	1	3	0	2	2	2	0	0	2
14	1	0	0	3	1	2	1	3	3	2	2	2	2	2	2	1	0	2	4	6	8	6	9	8	3
15	3	2	3	3	3	4	4	5	3	0	5	7	3	3	7	3	6	4	2	0	6	2	0	1	3
16	3	0	3	0	0	0	2	***	3	3	0	3	0	1	0	0	0	2	0	4	0	2	2	1	1
17	0	2	0	0	0	2	1	0	0	2	3	0	2	0	2	0	2	0	0	2	0	1	0	0	1
18	0	0	2	0	2	0	3	3	2	2	0	1	1	2	0	2	3	0	0	3	0	1	0	0	1
19	2	2	0	2	0	1	0	0	2	2	2	1	1	0	4	0	3	0	0	0	3	0	2	0	1
20	1	2	0	0	0	0	2	0	1	2	2	0	1	0	2	0	1	2	3	4	2	0	2	1	1
21	3	0	0	0	1	0	2	5	4	6	***	0	2	0	3	2	1	4	5	2	2	1	0	0	2
22	2	0	0	0	0	1	0	2	3	2	0	0	0	0	0	1	1	3	4	2	0	2	0	0	1
23	0	0	0	1	0	0	0	1	2	0	0	2	1	1	2	2	1	0	6	2	0	2	0	0	1
24	0	2	0	0	0	0	0	3	4	3	5	0	0	0	0	2	3	7	9	14	9	11	12	14	4
25	12	11	10	9	11	7	9	8	8	7	7	5	3	3	2	2	0	4	7	7	7	5	5	2	6
26	3	4	3	2	2	0	0	1	2	2	3	3	2	0	2	0	0	0	0	3	6	5	3	3	2
27	4	1	3	3	3	0	1	2	3	3	4	1	0	0	0	0	3	6	6	4	3	3	2	2	2
28	3	3	2	0	0	0	1	0	0	0	2	3	0	1	4	2	0	3	2	0	4	3	1	2	1
29	2	0	0	0	0	0	1	2	3	2	1	1	0	1	2	2	0	3	2	0	4	3	1	2	1
30	2	0	0	0	1	1	1	4	3	2	0	0	0	***	4	***	4	2	1	9	0	2	2	2	2
31	***	0	1	0	0	0	0	0	0	1	0	0	0	0	0	4	1	0	2	0	1	0	2	0	1
MEAN	2	2	2	2	1	1	2	2	2	2	2	1	1	1	2	1	1	2	3	3	3	2	2	2	2.0

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - NE NO 77028 GOVERNMENT/EDWARD ST CONISTON													MONTH - FEB 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	0	0	0	1	0	0	3	0	0	0	0	0	2	0	2	2	3	0	1	1	2	2	1
2	3	1	0	1	0	0	0	2	0	1	0	1	0	2	0	2	0	0	3	1	0	0	0	0	1
3	0	0	0	0	1	0	0	0	0	0	1	1	0	2	0	0	2	0	0	0	0	1	0	0	0
4	0	0	0	0	0	0	2	0	0	0	0	0	0	1	1	0	2	2	2	0	0	1	0	0	0
5	0	2	2	1	2	0	2	3	1	4	1	1	0	2	2	2	2	2	2	2	2	2	3	2	2
6	4	0	0	0	0	1	0	2	2	0	2	0	4	0	2	3	1	4	6	0	6	2	3	0	2
7	0	0	0	0	1	0	3	2	3	0	2	0	2	1	0	0	2	0	3	3	2	2	6	1	2
8	0	2	0	0	2	2	2	2	4	2	0	0	0	0	0	0	2	2	0	3	5	3	2	3	2
9	2	2	0	0	2	2	1	0	2	1	2	0	0	0	0	1	3	3	10	5	10	7	7	10	3
10	9	9	8	7	7	4	6	6	7	5	6	0	0	0	0	0	4	0	0	5	1	0	0	0	3
11	0	0	0	0	0	2	2	0	0	10	0	0	5	2	1	0	0	2	3	7	10	0	0	0	0
12	5	0	0	0	0	2	2	7	6	0	0	0	3	1	4	0	2	4	0	5	4	1	2	2	2
13	0	0	0	0	0	0	2	0	2	0	3	3	2	2	2	0	6	3	4	3	2	4	5	2	2
14	5	2	2	2	2	0	3	6	6	2	1	0	0	0	3	1	2	4	5	8	10	8	10	7	4
15	8	8	7	5	4	0	2	1	1	0	3	1	2	1	0	0	2	2	9	5	10	10	6	8	4
16	8	6	3	3	2	0	0	3	0	3	2	0	0	0	3	0	0	0	0	2	6	7	7	8	3
17	8	6	4	2	3	4	1	3	3	3	6	3	2	2	3	3	0	3	3	0	0	0	0	0	3
18	0	3	3	0	0	2	3	4	3	3	0	0	2	1	2	0	2	1	3	2	3	0	0	0	2
19	6	0	1	1	0	0	2	2	2	3	6	3	1	2	1	1	2	3	3	2	2	3	2	2	2
20	2	2	2	4	1	6	3	2	4	0	3	1	2	3	0	4	5	4	8	7	0	7	5	3	4
21	2	1	2	0	0	0	0	0	1	0	0	2	3	4	2	3	0	2	7	0	7	10	7	11	3
22	7	9	7	5	10	7	7	8	7	1	4	3	3	4	2	1	0	2	0	2	2	4	0	2	4
23	4	5	3	3	3	4	3	4	10	15	6	12	5	5	3	0	0	2	1	0	0	0	0	0	4
24	0	2	2	0	3	3	2	2	2	4	1	0	0	2	0	2	1	0	2	1	1	0	1	0	1
25	0	0	0	1	0	0	0	2	2	0	1	3	1	0	2	2	3	2	2	2	4	2	2	3	1
26	3	5	3	5	3	4	6	10	9	6	1	2	2	3	2	2	2	2	5	0	0	0	0	0	3
27	1	0	0	3	3	14	5	2	2	2	0	0	0	2	0	2	1	0	2	0	1	2	2	3	2
28	0	1	0	0	0	0	3	9	5	0	5	2	2	1	3	0	3	0	2	2	2	2	0	2	2
29	3	0	4	2	0	0	3	3	3	3	2	1	3	0	1	1	1	2	3	3	6	1	0	1	2
MEAN	3	2	2	2	2	2	2	3	3	2	2	1	2	2	1	1	2	2	3	3	3	3	3	3	2.2

PERCENTAGE OF DATA VALID - 97.6

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - NE NO 77028 GOVERNMENT/EDWARD ST CONISTON													MONTH - MAR 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	0	0	2	3	3	4	2	2	0	2	2	2	4	1	2	8	11	10	5	6	6	3
2	4	7	8	5	4	4	4	3	6	2	3	2	0	2	3	2	0	0	0	2	4	3	3	2	3
3	0	2	0	1	1	0	2	6	3	0	3	0	0	2	0	0	0	0	1	2	4	3	3	4	2
4	3	2	3	2	3	3	2	6	3	3	2	5	3	4	2	3	2	2	1	2	2	0	3	9	3
5	4	6	0	0	0	2	3	3	1	0	2	1	0	1	1	0	2	0	0	3	3	0	0	1	2
6	2	0	0	0	0	1	5	4	4	6	0	0	1	0	0	3	0	0	0	2	2	1	0	2	1
7	0	1	0	0	1	1	5	9	5	4	3	3	3	2	2	0	0	0	2	3	5	7	6	6	3
8	6	6	9	6	7	6	6	7	5	4	4	2	2	2	2	2	2	3	3	5	6	6	7	10	5
9	10	10	7	3	7	8	8	7	8	4	3	3	3	4	0	0	2	2	3	2	2	1	0	4	4
10	1	1	0	2	2	1	0	3	0	4	2	4	0	0	0	0	0	3	1	0	3	2	2	0	1
11	0	3	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	3	0	0	0	0	0	1
12	0	0	0	0	0	0	0	3	2	0	1	0	0	0	0	0	0	2	3	1	7	8	6	7	2
13	11	4	4	3	7	4	0	0	1	3	0	0	0	0	0	0	0	3	0	2	0	0	2	3	2
14	7	9	10	7	2	2	2	3	3	2	0	0	0	1	2	2	1	0	8	1	3	0	0	2	3
15	0	0	0	2	0	0	0	0	0	0	0	2	1	0	2	0	3	1	2	5	5	10	9	7	2
16	7	2	2	0	1	0	1	1	0	0	3	2	0	1	0	0	0	0	2	1	3	2	1	0	1
17	0	2	0	2	0	0	0	0	4	0	2	4	0	2	4	2	2	0	0	1	0	1	1	0	1
18	0	1	0	0	2	0	0	2	1	1	2	0	0	1	2	1	2	2	1	2	0	0	3	3	1
19	3	5	5	3	4	5	5	3	2	3	4	0	3	2	3	2	1	4	1	3	0	2	0	0	3
20	0	2	2	1	3	3	3	2	3	0	3	3	2	2	2	2	0	3	3	9	3	5	4	4	3
21	4	3	3	3	2	2	3	3	2	2	0	1	0	2	0	0	0	0	0	0	0	1	1	0	1
22	2	0	0	0	0	1	2	1	1	1	0	0	0	2	0	0	0	0	0	0	2	8	5	1	1
23	3	3	2	7	7	3	2	7	3	10	7	2	3	6	4	3	0	0	0	3	11	11	14	15	5
24	17	12	13	9	12	8	1	4	7	14	10	9	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	2	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	1	0	0	1	2	0	1	0	0	0	0	0	0	3	7	1
27	4	2	3	4	5	3	2	2	2	1	4	4	0	2	0	0	0	2	0	0	0	4	0	3	2
28	3	0	3	3	0	0	3	5	5	4	0	4	3	4	2	2	2	1	0	0	0	0	0	0	2
29	2	2	0	0	0	0	0	1	0	1	2	2	2	0	1	1	2	0	0	0	0	0	0	0	1
30	0	0	0	0	0	0	0	0	0	3	1	2	2	2	2	0	0	0	0	0	0	0	0	0	1
31	2	0	2	0	0	0	1	0	0	1	1	2	3	2	2	0	0	0	3	0	0	0	1	0	1
MEAN	3	3	3	2	2	2	2	3	2	3	2	2	1	1	1	1	1	1	1	2	2	2	3	3	2.1

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - NE NO 77028													GOVERNMENT/EDWARD ST CONISTON												
MONTH - APR 80																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	3	4	0	3	3	2	11	3	-	-	3	4	3	4	3	0	0	2	1	0	2	4	3	3
2	4	0	2	2	1	0	0	0	0	0	0	1	2	2	3	0	0	0	0	1	3	2	7	6	2
3	8	5	5	4	4	6	8	7	0	2	2	***	8	0	0	0	1	1	0	1	4	1	0	0	2
4	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	3	3	
5	2	1	3	2	0	0	0	0	2	4	4	3	3	2	2	0	1	0	0	0	0	0	0	0	
6	1	2	2	3	1	1	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	
7	0	0	0	0	0	0	0	0	2	0	3	0	4	3	2	3	2	2	4	1	0	0	0	0	
8	2	0	1	2	2	3	2	0	4	3	3	0	3	3	0	2	1	0	0	0	1	2	2	2	
9	2	0	2	2	0	0	0	0	0	0	1	2	2	1	2	2	0	0	0	2	0	0	2	1	
10	0	0	0	0	0	2	1	0	2	0	1	0	0	0	2	0	0	0	0	0	0	2	3	0	
11	0	0	0	1	0	0	1	0	1	1	0	***	2	0	2	0	0	0	1	1	1	0	0	3	
12	0	0	1	0	0	0	0	0	2	0	2	1	0	0	0	2	0	0	0	2	0	1	0	1	
13	3	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	6	0	1	0	0	0	1	
14	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15	0	0	1	0	1	0	3	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	2	1	3	2	1	1	3	2	
17	2	2	0	0	1	2	1	4	0	1	0	0	0	0	0	2	2	0	1	0	2	4	3	4	
18	4	4	3	0	0	0	0	0	0	0	0	1	2	2	3	3	0	0	0	1	0	0	2	1	
19	1	2	3	2	2	0	0	0	0	0	3	3	2	2	3	2	2	2	2	2	3	0	0	0	
20	0	3	3	3	0	0	0	0	0	0	2	2	2	2	2	0	2	0	0	0	0	0	0	0	
21	0	0	0	0	0	0	0	0	0	1	3	5	0	2	1	2	0	0	0	0	0	0	0	0	
22	0	1	0	0	2	4	0	1	0	0	2	2	2	2	2	0	0	0	0	0	0	0	0	0	
23	0	0	0	1	0	2	1	2	1	3	1	0	0	3	0	0	0	2	0	0	2	2	0	3	
24	1	0	0	3	0	2	0	3	0	2	3	3	3	3	0	3	1	0	0	0	0	0	2	0	
25	2	0	0	0	0	0	0	0	1	0	***	1	0	0	2	1	0	0	0	0	2	0	0	0	
26	1	0	0	1	0	***	0	3	0	0	0	4	1	0	0	0	2	0	0	0	0	0	0	0	
27	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	1	0	2	0	0	0	0	0	
28	1	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	3	2		
29	0	0	0	0	0	0	0	0	1	1	1	0	0	2	0	0	0	0	0	0	3	0	0	0	
30	3	3	0	0	0	2	0	1	1	1	0	0	0	0	3	0	0	0	0	-	3	0	0	0	
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - NE NO 77028													GOVERNMENT/EDWARD ST CONISTON												
MONTH - MAY 80													MONTH - MAY 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	2	1	2	2	3	2	3	2	0	***	-	0	3	2	4	2	0	0	2	1
2	2	0	0	4	0	3	3	1	0	0	1	0	0	1	0	1	0	0	2	0	2	3	2	1	0
3	2	0	1	0	0	1	0	1	0	1	0	0	2	0	0	0	0	0	0	0	0	1	0	1	
4	1	1	1	0	0	1	0	2	1	0	0	1	1	0	2	1	2	2	0	2	0	0	0	0	
5	2	0	0	0	0	0	0	3	0	2	2	0	***	1	0	0	0	2	0	0	0	0	0	0	
6	0	0	0	0	0	0	2	0	2	0	0	0	0	1	0	0	0	0	0	3	1	0	0	0	
7	0	0	0	0	0	0	0	1	1	***	0	0	0	0	0	0	3	0	0	0	1	0	0	0	
8	0	0	1	0	0	0	2	0	0	0	1	0	1	2	0	0	0	0	1	0	3	2	2	0	
9	0	2	0	0	0	3	3	2	0	0	3	0	3	0	2	1	0	2	0	0	0	0	0	1	
10	0	2	0	1	0	0	2	0	0	1	0	3	3	9	2	0	0	0	0	3	2	0	1	1	
11	0	2	2	1	1	1	0	2	0	1	3	0	0	0	0	0	0	0	0	1	0	0	0	1	
12	0	0	0	0	0	0	2	6	2	3	0	0	2	0	0	0	0	0	0	0	0	0	0	1	
13	0	0	0	1	0	0	2	2	3	3	2	0	0	1	1	0	0	0	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	1	***	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
15	3	0	0	0	2	3	2	3	3	0	0	0	2	0	0	0	0	1	2	0	5	0	0	0	
16	0	0	0	0	0	2	2	3	2	2	1	1	0	1	1	2	0	2	0	2	4	4	4	1	
17	2	1	0	2	1	1	1	2	0	0	2	3	0	0	0	0	1	0	0	3	4	4	4	1	
18	2	2	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	2	2	0	
19	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	
20	1	1	1	2	3	7	6	4	2	***	***	0	0	0	1	2	1	1	2	0	3	0	2	0	
21	2	1	2	0	0	4	2	0	0	0	0	1	3	0	0	0	1	1	1	1	2	2	0	1	
22	1	0	2	2	3	3	2	3	2	2	1	2	1	2	2	1	2	0	2	2	2	2	3	2	
23	2	2	2	4	4	4	4	3	3	2	2	2	1	1	2	0	2	2	2	4	2	3	2	2	
24	2	2	2	3	3	4	5	2	1	2	2	2	3	2	2	2	1	0	0	0	0	0	0	2	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	
26	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
27	0	4	0	0	0	0	0	0	2	7	0	0	0	0	0	1	0	0	0	0	2	0	1	0	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	
29	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	2	1	0	1	0	1	
30	0	0	1	0	0	0	0	0	2	0	3	3	2	2	4	2	0	1	2	3	1	2	2	0	
31	2	0	0	1	0	0	0	0	0	0	0	4	1	0	0	0	0	0	0	0	0	0	0	0	
MEAN	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - NE NO 77028 GOVERNMENT/EDWARD ST CONISTON													MONTH - JUN 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	2	2	0	0	0	4	0	0	0	0	0	0	4	0	0	2	1
2	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0	1	1	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0
5	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
6	0	0	0	0	1	0	0	1	0	2	0	2	0	0	0	1	0	0	0	1	0	0	0	0	0
7	0	0	0	0	1	0	0	0	0	0	0	0	0	3	0	0	0	0	1	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	2	0	2	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	7	0	0
11	0	0	0	0	0	0	0	0	0	2	3	0	2	0	0	0	0	1	0	0	0	0	0	0	0
12	0	2	0	0	0	0	0	2	2	7	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1
13	2	1	0	0	0	1	0	0	0	0	0	0	2	0	3	0	0	0	2	0	1	2	0	1	1
14	0	2	2	0	0	0	2	.....	.....	.....	0	0	0	0	0	0	0	1	.....	2	0	0	0	0	0
15	1	0	0	0	0	0	8	.....	.....	.....	0	0	4	0	0	0	0	0	.....	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	2	3	.....	0	0	0	0	0	0	0	0	0	2	0	0	0	0
17	0	0	3	0	.....	.....	4	2	0	0	0	1	0	0	0	0	1	1	0	0	2	1	1	1	1
18	1	2	0	2	.....	.....	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
19	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
20	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	0	0	0	0
21	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	.....	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
23	0	0	0	0	0	0	0	0	0	0	3	4	2	2	3	2	2	2	2	1	2	1	2	2	1
24	2	2	2	2	4	3	3	3	2	2	2	2	2	1	1	2	2	1	2	2	2	2	2	2	2
25	1	2	1	2	2	2	2	3	5	2	2	2	3	0	9	1	2	1	1	1	2	2	1	1	2
26	2	1	2	0	2	2	1	0	2	2	1	3	2	3	3	5	6	6	3	0	0	0	0	0	2
27	0	0	0	0	0	2	0	0	0	0	0	0	.....	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
30	0	1	0	0	0	0	0	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	0	1	1	0	0	0	0	1	0	0.5

PERCENTAGE OF DATA VALID - 98.6

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - NE NO 77028 GOVERNMENT/EDWARD ST CONISTON													MONTH - JUL 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	3	0	2	3	2	0	
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0
3	0	2	0	1	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	4	0	1
4	0	0	0	1	0	0	2	2	0	0	0	2	0	3	2	4	2	2	7	3	2	3	2	2	2
5	2	2	1	3	2	1	3	3	3	2	3	2	0	0	0	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
7	2	0	0	0	0	0	2	0	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
8	0	1	1	3	0	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0
9	0	0	0	0	2	1	0	2	0	1	2	0	0	1	0	1	2	0	0	2	0	2	0	0	1
10	2	2	0	1	0	2	2	0	1	3	2	3	2	1	2	2	2	2	1	2	2	2	2	1	2
11	1	1	0	0	2	4	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
13	0	2	0	0	1	0	1	2	0	0	0	2	0	4	0	1	0	0	0	0	2	0	0	0	1
14	0	0	1	0	3	0	3	1	0	0	0	0	0	0	0	2	0	0	2	0	0	2	1	2	1
15	0	2	2	3	2	1	2	2	1	3	2	2	2	4	0	3	1	0	0	0	0	0	0	0	1
16	0	3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0
17	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	2	2	0	1	0
18	0	2	0	0	2	7	0	2	0	0	1	3	0	3	0	0	0	4	0	0	3	0	0	0	1
19	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	2	0	0	0	0	0	0
20	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
21	0	0	3	0	2	1	0	2	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	2	0	0	0	0	8	2	0	0	0	0	0	2	1	0	2	0
24	0	0	1	0	2	0	0	2	0	0	0	0	0	0	0	0	2	1	0	0	1	0	1	0	0
25	0	0	1	0	0	1	0	0	0	2	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
27	0	1	0	1	0	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0
28	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
29	0	2	0	2	0	0	2	1	0	0	3	0	0	1	0	0	0	0	0	2	0	1	0	0	1
30	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	1	0	0	0
31	0	1	0	0	0	1	1	2	1	0	0	0	0	0	0	0	0	2	0	2	1	0	0	2	1
MEAN	0	1	0	1	1	1	1	1	0	1	1	1	0	1	0	1	0	0	1	1	1	1	0	0	0.6

PERCENTAGE OF DATA VALID - 97.2

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COHS/1000 FT												
STATION - NE NO 77028						GOVERNMENT/EDWARD ST						MONTH - AUG 80													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	0	0	0	0	0	2	2	1	----	1	0	1	0	0	0	0	0	3	2	0	0	0	1
2	0	0	1	0	2	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0
3	1	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
5	0	0	0	0	0	1	0	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
6	1	1	2	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	-----	-----	-----	-----	-----	-----	7	2	-----	7	2	0	0	0	0	2	0	0	1	4	0	0	0	0	0
8	0	0	0	0	0	0	0	2	0	1	1	0	0	0	0	0	2	0	0	1	4	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	3	0
10	4	4	7	3	----	0	6	1	1	0	3	0	0	0	0	2	0	0	0	1	0	1	0	0	0
11	1	0	1	3	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
12	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	1	2	3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	1	0	0	0	0	0	0	1	2	1	1	2	0	0	0	1	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	1	1	1	0	-----	-----	-----	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
20	2	0	0	0	0	0	2	0	0	0	1	1	0	0	0	0	0	0	2	2	0	1	0	0	0
21	0	0	-----	-----	1	0	2	0	0	10	0	0	0	0	0	1	0	0	3	2	0	0	0	0	0
22	0	0	0	0	0	0	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
24	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0
25	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	2	1	0	0	2	3	0	0	0	0
26	0	0	0	0	0	2	1	-----	1	2	2	2	2	2	1	0	1	1	1	0	2	1	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
28	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	-----	0	0	0	0	1	0	2	0	1	0	0	0	0	0
30	0	1	1	2	2	2	3	6	3	3	2	2	2	3	2	1	1	2	0	2	4	1	1	0	4
31	0	1	0	0	0	0	1	2	1	0	0	0	0	0	0	2	0	0	1	1	0	1	0	0	0
MEAN	0	0	0	0	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0.5

PERCENTAGE OF DATA VALID - 96.5

PERCENTAGE OF DATA INVALID - 3.1

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COHS/1000 FT													
STATION - NE NO 77028						GOVERNMENT/EDWARD ST						MONTH - SEP 80													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	1	3	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0
3	0	1	0	0	0	1	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
4	0	0	0	0	0	0	0	2	0	0	0	0	0	0	6	0	0	0	2	-	3	1	0	0	0
5	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3	2	0	0
6	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
7	2	0	0	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3	7	0	0	0
9	0	0	0	0	0	2	3	2	1	0	0	0	1	0	0	0	0	0	0	3	0	0	1	0	0
10	0	0	0	0	0	0	3	2	0	3	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
11	0	0	2	0	0	0	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0
12	0	0	0	0	0	0	2	0	1	-----	0	0	0	0	0	0	0	0	4	1	0	4	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	2	0	0	0	0	0
15	0	0	0	0	0	0	0	-----	3	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
16	0	0	0	0	0	2	2	2	2	0	3	2	0	1	2	2	2	0	0	0	0	0	0	0	0
17	0	0	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	3	0	0	0	0	0	3	1
18	0	1	2	0	0	0	0	0	2	0	0	3	2	0	1	1	0	0	0	0	0	0	0	0	0
19	1	0	2	0	0	0	3	2	-----	0	0	2	0	1	1	0	0	0	0	0	0	0	0	0	0
20	1	0	1	3	3	3	3	3	3	3	3	3	5	2	0	0	0	0	0	0	0	0	0	0	2
21	1	0	0	0	0	0	0	0	0	2	0	4	0	2	2	3	4	3	2	2	0	8	1	0	1
22	0	0	0	0	1	0	0	3	0	1	3	2	3	2	0	2	0	0	0	2	0	0	5	0	1
23	0	0	1	0	0	0	0	0	0	0	0	2	3	0	1	0	0	0	0	0	2	3	5	4	1
24	3	5	4	0	0	0	3	0	2	0	2	0	0	0	0	0	1	0	0	2	0	3	0	2	1
25	0	2	1	3	0	6	2	2	4	3	3	2	4	5	2	2	4	1	0	2	1	1	5	1	2
26	2	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0	1	1	0
27	3	2	0	1	0	-	0	0	0	0	0	0	1	0	5	4	3	2	2	5	8	5	3	3	2
28	1	3	0	0	0	0	0	0	0	0	0	1	2	2	2	0	0	0	1	3	3	2	2	3	1
29	0	0	0	0	3	0	2	2	0	-----	0	0	0	0	4	2	2	1	1	3	2	1	2	1	2
30	2	4	3	3	3	0	0	0	0	0	1	2	0	0	0	0	-	4	2	3	2	2	1	2	2
MEAN	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. -- INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COMS/1000 FT													
STATION - NE NO 77028												GOVERNMENT/EDWARD ST CONISTON													
MONTH - OCT 80												MONTH - OCT 80													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	3	0	0	1	0	2	2	3	7	5	7	5	4	3	2	2	4	2	0	0	1	0	2
2	0	0	0	4	0	2	2	2	2	1	2	2	2	2	3	3	2	2	0	2	0	0	0	0	1
3	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
4	1	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	1	0	2	0	0	0	4	1
5	0	0	0	0	0	0	0	0	2	0	1	1	2	3	3	0	0	2	2	0	0	0	2	2	1
6	0	0	0	0	0	1	3	3	2	2	0	4	0	2	1	3	5	0	0	3	2	2	3	3	2
7	2	3	2	2	2	3	1	0	0	1	2	3	2	2	1	0	4	0	1	5	1	0	0	0	2
8	0	0	0	0	2	3	10	15	5	0	0	1	0	0	0	0	0	0	0	0	2	0	0	0	2
9	3	1	2	0	0	1	2	1	0	0	1	2	2	2	1	0	0	0	0	5	7	7	6	10	2
10	0	1	0	2	1	1	0	0	0	2	2	3	3	1	1	2	5	0	0	2	2	1	0	0	1
11	4	0	0	3	3	3	2	2	3	3	3	4	4	3	0	3	1	1	0	2	2	1	0	0	2
12	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	1	0
13	0	0	0	0	0	2	0	0	0	0	0	1	2	0	0	0	3	0	0	15	13	5	0	0	2
14	0	2	1	0	0	0	0	0	0	0	0	0	2	2	2	2	1	0	0	2	2	2	2	2	1
15	3	0	0	2	3	1	3	3	0	1	3	2	2	3	3	3	1	0	2	4	5	4	7	6	3
16	5	5	5	5	7	9	14	16	10	4	4	3	2	3	2	2	2	0	0	0	4	1	0	0	4
17	0	0	0	0	2	2	2	3	4	7	5	4	4	3	2	5	3	2	3	3	2	3	2	2	3
18	1	0	0	0	0	1	0	0	3	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0
19	0	0	0	0	0	0	0	2	1	2	2	1	0	0	0	3	0	0	0	0	0	1	2	0	1
20	0	0	2	3	1	2	3	4	4	2	3	2	2	1	2	5	0	1	4	13	3	2	3	2	3
21	2	3	2	3	2	0	3	1	1	0	3	0	0	0	0	0	0	0	2	10	6	5	4	2	2
22	1	1	2	2	2	2	2	4	1	2	0	0	0	0	0	0	0	0	0	0	0	2	1	4	1
23	0	0	1	3	2	0	10	11	0	4	0	1	2	1	4	0	0	0	0	0	0	0	1	0	2
24	0	0	0	0	0	0	0	2	3	0	0	0	0	5	0	0	0	0	0	1	0	0	0	0	0
25	0	0	0	1	2	2	2	0	2	2	0	4	10	3	2	0	2	3	3	1	1	0	0	0	2
26	0	0	0	0	0	2	1	0	0	0	0	0	1	0	0	1	1	0	0	3	3	0	0	1	1
27	0	0	0	0	0	0	1	7	2	0	4	10	6	2	0	0	1	2	3	0	3	2	0	0	2
28	0	0	0	3	2	2	2	2	0	0	0	2	0	0	2	1	3	2	5	4	3	0	0	0	1
29	0	1	0	0	0	1	2	0	2	2	2	3	1	0	1	2	2	0	4	4	3	5	3	2	2
30	3	3	2	2	0	0	2	3	1	1	3	0	0	2	2	2	3	2	3	2	3	0	3	0	2
31	1	0	0	3	0	0	2	2	2	1	0	1	1	0	0	0	0	0	2	3	2	2	1	0	1
MEAN	1	1	1	1	1	1	2	3	2	1	2	2	2	1	1	1	1	1	1	3	2	1	1	1	1.5

PERCENTAGE OF DATA VALID - 98.0

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX													UNITS - 0.1 COMS/1000 FT												
STATION - NE NO 77028													GOVERNMENT/EDWARD ST CONISTON												
MONTH - NOV 80													MONTH - NOV 80												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	2	1	0	0	2	2	2	2	1	0	3	0	2	0	1	0	0	1
3	0	0	2	0	0	2	0	1	0	0	2	2	3	3	3	3	3	2	3	3	4	4	4	4	2
4	4	5	3	3	3	4	6	7	7	6	5	4	2	3	5	1	0	0	1	1	2	0	0	3	3
5	0	0	4	0	0	2	0	0	0	1	1	2	2	2	2	3	4	5	11	10	13	7	2	0	3
6	3	0	0	3	0	2	0	3	2	9	3	2	2	2	5	5	7	6	7	2	4	4	5	1	3
7	4	0	0	0	0	3	3	6	4	3	2	0	0	0	0	2	0	0	2	2	0	1	1	0	2
8	0	0	1	0	0	0	0	0	1	0	0	2	3	3	1	3	0	0	0	0	0	0	0	0	1
9	3	1	0	0	0	2	0	0	2	2	5	5	3	0	0	3	0	2	0	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	2	2	0	2	0	2	0	0	0
12	1	0	0	0	0	0	2	3	2	0	6	2	3	2	2	0	3	0	3	1	0	0	0	0	1
13	2	0	3	0	0	1	2	0	0	3	5	2	2	5	5	3	6	6	4	3	3	1	0	0	2
14	0	0	0	2	0	0	1	1	2	3	4	2	1	3	2	3	5	6	5	4	7	5	2	2	3
15	0	2	1	0	2	1	0	0	0	0	0	0	0	0	0	2	4	6	8	6	3	3	4	4	2
16	5	7	4	3	4	2	1	0	5	3	0	0	0	2	0	3	3	0	3	4	7	6	3	5	3
17	5	2	3	0	0	0	2	2	3	5	0	1	2	0	0	0	1	0	3	2	4	2	0	0	2
18	0	0	0	0	0	0	1	2	0	0	0	2	1	1	1	0	2	0	4	7	8	8	11	2	2
19	9	10	6	3	0	1	2	3	4	5	3	3	0	2	3	0	1	2	3	1	2	1	6	4	3
20	2	2	2	1	3	0	3	3	3	3	3	1	3	3	3	4	1	4	5	4	5	3	4	3	3
21	5	4	2	3	0	3	3	2	4	***	4	4	6	7	4	0	2	0	0	2	0	2	2	2	3
22	0	0	0	0	2	0	0	2	2	2	4	0	1	3	3	2	6	2	2	0	1	0	0	2	1
23	0	3	2	2	3	0	3	2	4	2	12	0	3	2	3	5	3	4	3	2	2	2	0	3	3
24	2	2	2	2	3	2	4	4	7	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	3	0	0	0	2	2	2	2	3	5	4	10	11	11	12	12	3
26	13	16	6	3	0	4	3	4	4	2	2	4	3	2	3	4	7	4	7	11	8	14	11	3	6
27	0	2	6	3	6	5	1	0	0	2	2	0	0	1	2	1	2	0	0	1	0	0	0	0	1
28	0	3	0	3	2	0	0	0	0	***	3	2	3	3	2	3	0	0	2	2	4	3	4	3	2
29	3	3	2	2	3	3	4	2	4	2	3	4	2	2	1	2	3	3	3	8	5	4	5	1	3
30	0	2	2	2	0	0	2	0	0	2	0	1	1	1	0	2	0	0	3	0	2	0	2	3	1
MEAN	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COHS/1000 FT											
STATION - NE NO 77028 GOVERNMENT/EDWARD ST CONISTON														MONTH - DEC 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	0	2	0	0	1	0	9	6	2	3	2	2	1	1	0	0	1	0	6	5	9	9	3	3
2	3	2	0	0	0	0	0	1	0	1	2	3	2	1	2	3	1	0	2	0	2	0	0	1	1
3	0	0	0	0	0	1	0	0	2	0	0	0	0	0	1	4	3	3	3	5	2	5	6	0	2
4	2	3	2	3	0	0	1	1	0	2	2	2	0	2	5	3	2	4	4	3	7	3	0	0	3
5	0	0	0	3	0	2	2	4	4	2	3	5	3	5	3	3	0	7	7	7	9	3	2	2	2
6	3	2	4	3	4	2	2	3	2	0	2	3	0	2	0	0	0	0	0	3	3	3	4	3	4
7	3	5	2	3	2	3	4	4	5	4	4	4	3	7	8	5	4	3	3	4	2	5	0	2	2
8	2	2	1	1	3	0	0	0	2	4	3	2	2	4	4	0	0	0	1	0	2	0	2	0	3
9	0	0	1	0	1	0	1	4	7	4	3	0	7	8	10	8	3	3	2	2	4	3	3	4	2
10	2	3	3	0	2	1	1	2	3	2	0	4	2	1	0	0	0	3	3	3	0	3	3	4	2
11	5	3	0	4	4	3	2	2	3	3	3	2	1	3	4	3	4	7	10	11	-	-	-	9	4
12	9	10	8	7	6	4	2	...	5	...	3	2	1	0	0	1	2	2	2	7	4	2	1	0	4
13	0	2	0	0	0	0	0	0	5	4	2	4	4	3	4	2	3	2	2	0	0	0	0	2	2
14	1	0	0	1	0	1	3	0	0	0	0	3	2	2	0	3	7	8	14	13	10	9	5	2	4
15	0	2	1	1	0	3	5	5	6	4	...	3	2	0	2	11	2	0	1	0	1	1	1	3	2
16	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	2	2	1	0	1	0	2	4	1
17	2	2	2	5	3	0	6	11	14	9	6	3	2	3	5	0	0	0	0	3	4	0	0	3	3
18	0	0	0	0	0	0	2	4	8	6	3	0	0	3	1	0	1	0	2	1	0	-	-	1	1
19	0	1	0	0	3	2	3	3	2	4	3	2	-	-	4	4	3	2	7	9	18	9	10	10	5
20	11	12	11	11	10	11	10	12	10	8	6	2	1	2	2	3	7	13	12	18	15	3	4	2	8
21	1	3	5	8	5	4	5	4	4	4	5	2	2	3	2	1	4	5	11	10	14	16	18	18	6
22	13	12	10	12	9	5	5	5	3	2	...	3	2	0	2	2	0	0	2	0	1	2	2	2	4
23	2	1	2	0	0	3	2	3	1	2	3	1	4	6	3	4	3	4	3	3	4	3	4	1	3
24	0	0	0	0	2	0	0	0	0	3	0	0	1	0	0	0	1	0	3	7	7	6	9	9	2
25	6	8	6	8	5	4	2	3	5	6	3	2	3	1	3	1	2	2	1	0	0	2	0	1	3
26	0	2	0	0	0	0	1	2	1	0	0	4	0	4	4	3	0	2	2	0	1	0	2	2	1
27	0	2	2	0	1	1	1	4	3	5	3	0	3	2	3	3	4	5	9	12	12	3	2	2	3
28	4	0	0	3	3	2	3	3	5	2	0	2	3	1	4	5	3	4	4	0	5	6	4	5	3
29	5	3	4	3	3	2	5	6	0	0	1	2	2	0	0	0	2	0	0	1	0	0	2	0	2
30	1	0	0	0	0	0	0	0	3	2	1	2	0	0	5	1	5	5	3	4	4	4	2	4	2
31	5	4	4	5	7	6	4	4	6	5	6	5	7	6	4	4	3	3	4	4	4	5	8	-	5
MEAN	3	3	2	3	2	2	2	3	4	3	2	2	2	2	3	3	2	3	4	4	5	4	4	3	2.9

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "..." INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COHS/1000 FT

STATION - NE NO 77028 GOVERNMENT/EDWARD ST CONISTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.0	6	14
FEB	29	2.2	4	15
MAR	31	2.1	5	17
APR	30	0.9	3	11
MAY	31	0.8	2	9
JUN	30	0.5	2	9
JUL	30	0.6	2	8
AUG	31	0.5	2	18
SEP	30	0.7	2	8
OCT	31	1.5	4	15
NOV	30	2.0	6	16
DEC	31	2.9	8	18
YEAR	365	1.4	8	18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - NE NO 77028 GOVERNMENT/EDWARD ST CONISTON

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	659	71	8	0	0	0	0	738
FEB	576	99	4	0	0	0	0	679
MAR	633	84	10	1	0	0	0	728
APR	698	11	1	0	0	0	0	710
MAY	728	7	0	0	0	0	0	735
JUN	701	9	0	0	0	0	0	710
JUL	720	3	0	0	0	0	0	723
AUG	710	7	0	1	0	0	0	718
SEP	698	13	0	0	0	0	0	711
OCT	682	40	6	1	0	0	0	729
NOV	632	71	12	1	0	0	0	716
DEC	584	117	22	5	0	0	0	728
YEAR	8021	532	63	9	0	0	0	8625

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
98.2	0	0.0	0.0	0.0	1.4	3.3	5.0	7.8	9.7	18	1.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - NE NO 77075 KENNEDY ST NEW SUDBURY

MONTH - JAN 80

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	4	2	2	1	1
2	3	2	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	1	5	3	2	2	7	5	5
4	2	1	2	2	2	2	2	3	4	3	2	2	2	2	3	2	3	8	3	4	3	6	4	4	3
5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
8	0	0	1	0	0	0	1	2	2	2	0	0	0	1	1	0	2	3	3	2	0	0	1	0	1
9	0	1	2	0	0	1	2	3	7	4	1	0	2	0	1	0	2	3	3	1	1	2	2	0	2
10	0	2	2	0	1	2	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	3	4	4	1
13	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
14	0	0	0	1	1	0	2	2	0	2	0	0	0	0	2	0	1	8	4	8	4	3	3	4	2
15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	2	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2	2	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	2	1	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0
21	0	0	0	0	0	0	0	3	5	4	3	0	0	2	0	3	5	13	8	8	1	2	0	4	2
22	0	0	0	0	0	0	1	2	4	2	0	0	3	2	2	2	6	2	3	2	2	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	3	3	2	0	2	0	0	1
24	0	0	0	0	0	0	0	1	3	1	1	0	2	0	3	2	4	6	9	9	10	5	9	6	3
25	6	2	2	2	3	3	4	7	16	5	2	0	3	0	1	3	3	6	5	6	2	5	3	2	4
26	0	0	0	2	0	0	0	1	3	0	0	0	2	1	1	2	2	4	6	4	3	4	3	2	2
27	3	3	2	3	2	0	3	2	2	3	1	0	0	0	0	1	0	0	0	1	2	2	0	2	1
28	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	4	3	2	0	0	0	0	0
29	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	4	2	2	2	2	0	0	1
30	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0	0	2	0	1	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
MEAN	1	0	0	0	0	0	0	1	2	1	0	0	1	0	1	1	1	2	2	2	1	2	1	1	0.9

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COMS/1000 FT													
STATION - NE NO 77075 KENNEDY ST NEW SUDBURY												MONTH - APR 80													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	3	4	6	1	1	2	6	3	-	-	3	2	2	-	2	0	0	0	2	0	3	4	4	3
2	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	3	1	
3	4	4	2	2	2	1	2	3	3	0	0	2	-	0	0	0	0	0	0	2	3	2	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	0	
5	3	3	2	7	2	2	4	2	6	0	1	1	0	2	1	1	3	0	0	0	0	0	0	0	2
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
7	0	0	0	0	0	0	0	1	1	1	4	2	2	2	2	2	3	2	2	2	2	2	2	0	1
8	0	2	1	2	0	2	3	2	3	2	6	2	2	2	1	2	0	0	0	0	0	1	-	1	
9	1	2	0	2	0	0	0	2	7	2	1	2	0	2	0	2	1	0	1	3	4	3	0	2	2
10	0	0	1	1	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0
11	0	0	0	1	1	2	2	0	3	2	0	2	0	2	1	2	3	2	3	2	2	3	5	0	0
12	2	0	0	2	0	1	1	0	1	2	2	0	0	0	2	0	0	0	4	2	2	0	0	0	1
13	0	0	3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	2	2	4	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	7	4	1
17	4	2	2	1	0	2	1	0	2	0	1	0	2	0	0	2	2	2	3	2	6	6	5	3	2
18	3	4	1	3	1	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	2	2	5	4	1
19	5	3	4	3	1	2	0	0	0	0	2	3	2	2	2	2	2	2	3	3	3	4	3	2	2
20	5	1	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	0	0	1
21	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	-	0	0	0
22	0	1	2	0	0	2	1	-	0	1	4	2	2	2	2	0	0	0	0	0	0	0	-	0	1
23	0	0	0	0	0	0	0	0	1	0	0	2	3	2	2	0	0	0	0	0	0	0	0	0	1
24	0	1	3	0	0	3	1	0	1	1	0	0	2	1	2	1	2	0	0	0	0	0	1	2	1
25	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	1	0	0	0	0	0	4	0	0	0	1	0	0	2	3	2	1	0	1
30	0	0	0	0	0	2	1	0	0	0	0	0	0	0	1	0	0	0	0	-	5	0	0	0	0
MEAN	1	1	1	1	0	1	1	1	1	0	1	1	1	1	0	1	1	0	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 98.6

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX												UNITS - 0.1 COMS/1000 FT													
STATION - NE NO 77075 KENNEDY ST NEW SUDBURY												MONTH - MAY 80													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	1	0	0	2	0	2	0	-	0	0	2	3	2	1	1	0	
2	0	0	0	0	2	2	4	3	***	0	1	0	0	2	0	0	0	0	0	0	1	2	2	0	1
3	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1
4	0	0	0	0	0	2	0	0	1	2	0	0	0	2	2	0	0	1	2	0	0	0	0	0	1
5	0	0	0	0	0	0	1	1	4	0	0	0	2	2	0	2	0	1	0	0	0	0	0	0	1
6	0	0	0	0	1	0	0	2	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	2	2	***	3	0	0	0	0	2	2	1	2	0	2	0	0	0	0	1
8	0	0	0	0	0	0	1	4	0	0	0	0	0	2	2	0	0	0	0	0	3	3	2	0	1
9	0	0	3	0	0	1	2	2	0	0	0	2	0	3	2	7	0	1	2	4	2	2	0	4	2
10	1	2	3	0	2	5	3	1	1	1	0	0	1	1	1	1	0	1	1	0	1	0	1	1	1
11	1	2	1	0	1	2	1	0	1	1	1	0	0	2	0	0	2	0	4	0	0	1	0	0	1
12	0	0	0	0	2	1	2	3	8	1	2	0	0	0	2	0	0	0	3	0	0	0	0	2	1
13	2	2	0	0	2	2	0	0	2	0	2	2	3	0	4	2	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	***	0	0	0	0	1	0	0	0	0	2	2	5	0	0	0
15	0	0	4	0	1	1	4	3	2	1	4	0	0	0	2	0	0	0	0	2	1	2	0	0	1
16	0	2	1	0	2	1	0	3	0	2	0	0	0	0	0	0	0	0	0	0	2	1	0	0	1
17	0	0	0	0	0	2	3	0	1	0	0	0	0	0	0	0	0	0	0	1	0	3	3	1	1
18	1	2	0	0	0	0	0	0	0	0	1	0	0	0	0	-	0	0	0	0	2	3	3	2	1
19	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0
20	0	0	0	0	0	2	3	5	***	***	2	0	0	0	1	0	0	0	0	0	0	0	2	0	1
21	0	0	0	2	2	2	3	3	2	1	2	0	2	2	1	1	1	2	3	2	2	1	1	2	2
22	2	1	1	2	2	4	5	5	4	3	2	0	2	2	2	3	3	2	2	2	1	2	1	2	2
23	2	3	3	3	3	4	5	4	3	2	0	1	2	2	2	2	2	2	2	3	3	2	2	2	2
24	3	2	2	3	2	3	4	2	2	2	2	2	2	2	2	2	3	2	2	0	0	0	0	0	0
25	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	3	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	0	0	0
29	0	0	0	0	0	2	2	2	2	0	0	0	0	0	0	0	0	0	1	2	1	1	2	1	1
30	1	0	2	0	0	1	1	4	1	2	3	3	4	4	3	3	2	3	3	2	3	3	3	2	2
31	2	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	0	1	1	2	2	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - PARTICULATES - SOILING INDEX										UNITS - 0.1 COHS/1000 FT														
		STATION - NE NO 77075					KENNEDY ST NEW SUDBURY					MONTH - JUN 80														
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0	0
3		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
4		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
5		0	0	0	0	1	0	0	1	1	2	0	0	0	0	0	2	0	0	0	2	1	0	2	3	2
6		0	0	0	0	0	0	2	5	3	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0	0
7		1	1	0	0	1	2	3	2	0	2	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0
8		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9		0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10		0	0	3	0	0	1	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	2	2	0	1
11		3	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12		0	0	0	2	2	3	3	2	2	2	2	3	2	2	2	2	3	2	3	3	4	3	3	4	2
13		0	0	0	1	0	2	2	2	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14		4	4	3	3	4	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17		0	0	0	0	2	1	2	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19		0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20		0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0
21		3	13	6	6	2	2	3	2	0	1	2	1	0	0	2	2	4	2	2	1	2	2	1	2	1
22		2	0	1	0	0	0	1	0	0	0	0	1	1	0	0	1	0	2	2	2	2	3	3	2	2
23		2	3	2	2	2	2	4	4	4	3	0	2	5	1	3	2	2	2	3	2	2	2	2	2	2
24		2	2	3	3	3	3	4	4	4	3	3	2	2	0	0	2	2	3	0	0	1	2	3	2	2
25		3	2	3	4	3	5	4	5	4	7	2	2	3	2	2	2	3	1	0	1	2	2	3	2	2
26		1	2	3	0	2	2	2	3	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
29		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN		1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	0	0	1	1	1	0.7

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 1.0

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - PARTICULATES - SOILING INDEX										UNITS - 0.1 COHS/1000 FT														
		STATION - NE NO 77075					KENNEDY ST NEW SUDBURY					MONTH - JUL 80														
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		1	1	2	0	0	1	2	2	2	0	0	0	0	0	0	0	0	0	1	0	0	2	1	2	1
2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3		2	0	0	0	1	0	1	0	0	1	2	2	3	3	3	3	3	3	3	3	3	3	3	2	2
4		0	0	0	1	0	1	0	0	0	1	2	2	3	3	0	0	0	0	0	0	0	0	0	0	0
5		2	2	2	2	2	3	2	3	2	3	2	3	2	0	0	0	0	0	0	0	0	0	0	0	0
6		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7		0	0	0	0	0	2	2	2	5	2	3	1	0	1	0	1	0	0	1	0	0	0	0	0	1
8		1	0	2	2	2	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9		0	0	0	0	0	1	2	1	2	1	2	1	1	2	1	0	2	1	0	1	1	2	2	2	1
10		1	2	2	2	3	3	3	4	4	3	3	2	3	2	2	3	2	2	2	2	2	2	1	0	2
11		0	0	0	0	2	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	
13		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14		0	0	0	0	0	0	2	2	3	2	1	1	1	2	2	3	2	1	2	1	2	2	2	2	2
15		2	2	2	2	2	2	2	3	3	2	2	3	2	2	0	1	2	1	0	0	0	0	0	0	0
16		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	0
17		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18		0	0	2	0	2	1	1	0	1	2	2	1	0	2	0	0	5	0	0	0	0	0	0	0	0
19		0	0	0	0	0	1	1	2	2	2	2	2	1	1	0	1	1	0	0	0	0	0	0	0	0
20		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21		0	0	0	0	0	2	2	2	2	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0
22		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23		0	4	0	0	4	6	0	0	10	6	0	2	0	6	6	0	0	0	0	0	2	3	2	1	2
24		0	0	0	0	0	0	3	0	2	2	2	2	0	0	3	3	0	0	0	0	0	0	0	0	1
25		0	0	0	0	0	1	4	3	2	2	1	2	2	2	1	0	0	0	0	0	0	0	1	2	0
26		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27		0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28		0	0	0	0	0	0	1	2	2	2	2	1	0	5	0	0	0	0	0	0	0	0	0	0	0
29		2	1	1	0	0	2	2	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31		0	0	1	1	1	2	2	2	2	2	1	0	0	0	1	2	1	2	2	2	2	1	1	0	1
MEAN		0	0	0	0	1	1	1	1	2	1	1	1	0	1	1	1	1	0	0	0	1	1	1	1	0.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH																									
POLLUTANT - PARTICULATES - SOILING INDEX																									
STATION - NE NO 77075 KENNEDY ST NEW SUBURBY																									
UNITS - 0.1 COMS/1000 FT																									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTES 1. INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. INDICATES DATA IS UNAVAILABLE

3. INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							

PERCENTAGE OF DATA VALID - 97.8
 PERCENTAGE OF DATA INVALID - 1.7
 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ... INDICATES DATA IS UNAVAILABLE

3. INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

PERCENTAGE OF DATA VALID - 99.2
 PERCENTAGE OF DATA INVALID - 0.3
 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ... INDICATES DATA IS UNAVAILABLE

3. INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - PARTICULATES - SOILING INDEX																UNITS - 0.1 COHS/1000 FT									
STATION - NE NO 77075 KENNEDY ST NEW SUDBURY																MONTH - OCT 80									
HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	2	5	****	2	3	4	4	3	3	4	3	3	0	2	2	2	0	2	
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	2	3	3	2	3	
6	3	1	0	0	0	0	2	4	3	2	2	0	2	1	2	3	2	-	2	2	3	4	2	2	
7	0	2	0	1	1	0	0	0	1	0	2	1	1	3	3	2	3	1	1	0	1	0	0	0	
8	0	0	0	1	0	3	7	13	5	0	-	0	0	0	0	0	0	0	0	3	1	0	0	0	
9	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	4	5	11	7	3	
10	0	0	0	0	0	0	4	4	****	2	2	2	2	3	3	2	0	1	0	2	3	2	0	0	
11	0	1	0	2	0	1	1	1	2	1	2	2	1	2	0	0	0	0	0	0	0	1	0	0	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	0	0	0	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	2	3	5	0	2	
15	0	0	0	0	0	0	4	8	5	2	0	0	1	1	1	2	2	3	3	8	9	8	6	5	
16	5	4	4	4	4	3	5	9	5	7	4	3	3	2	2	1	2	2	2	2	4	6	3	1	
17	2	0	2	0	2	2	3	4	6	5	6	5	5	3	4	4	3	3	3	3	2	2	1	3	
18	1	0	0	0	0	0	0	0	0	1	2	1	1	3	0	0	1	1	0	0	1	0	0	0	
19	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	2	2	1	0	0	0	
20	0	0	0	0	0	0	2	3	5	1	2	0	0	1	2	2	0	0	4	0	4	3	4	2	
21	0	0	1	2	3	3	3	5	2	4	0	0	0	0	2	0	0	0	0	4	5	3	1	0	
22	0	0	0	0	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3	4	1	1	
23	1	3	4	3	2	5	12	3	0	0	0	0	0	0	0	1	0	0	1	3	2	0	0	0	
24	0	0	0	0	0	0	1	2	-	0	1	1	0	0	1	3	0	0	0	0	0	1	0	0	
25	1	0	0	0	0	0	2	2	2	2	1	1	1	3	3	2	4	1	2	2	0	0	0	1	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	
27	0	3	0	0	0	0	1	4	2	0	0	0	6	0	0	1	0	0	2	0	0	2	1	0	
28	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	2	2	1	4	3	2	0	0	1	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3	5	9	6	5	4	5	8	
30	3	2	1	0	0	0	2	3	3	0	2	1	2	2	2	2	2	3	2	2	4	5	3	2	
31	1	1	2	2	2	1	0	5	2	-	0	0	0	1	0	1	1	0	3	0	2	0	0	3	
MEAN	1	1	0	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1.2	

PERCENTAGE OF DATA VALID - 97.0

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX																UNITS - 0.1 COHS/1000 FT									
STATION - NE NO 77075 KENNEDY ST NEW SUDBURY																MONTH - NOV 80									
HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	2	2	1	2	2	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	2	0	2	3	3	3	4	3	3	2	3	3	3	3	3	2
4	4	4	4	3	5	3	7	7	6	5	2	3	2	0	2	4	2	1	0	0	0	0	1	0	3
5	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	2	0	2	7	11	10	2	3	0	
6	4	3	0	0	0	0	0	0	0	2	3	3	3	4	4	3	6	6	3	2	3	4	6	3	0
7	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	4	1	0	0	0	0	0	0	0
8	0	0	0	1	0	0	0	0	0	0	0	2	0	0	2	0	0	3	2	1	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	3	5	2	3	1	3	0	2	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	1	3	2	-	0	0	0	0	0	2	3	3	3	3	2	2	2	0	1
13	0	0	0	0	0	0	0	2	3	2	4	6	10	4	3	6	5	4	3	2	1	0	0	0	2
14	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0	2	3	6	6	9	9	3	4	3	2
15	2	2	4	1	3	0	0	0	0	0	0	0	0	0	0	0	2	8	3	5	1	1	1	1	1
16	3	1	0	0	0	0	0	0	0	4	2	0	0	0	1	0	1	2	5	4	4	5	14	10	6
17	2	5	0	0	0	0	3	3	4	3	-	2	0	1	0	1	2	2	3	4	0	0	0	0	2
18	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	9	12	10	9	2
19	7	5	5	7	5	4	3	6	8	6	2	3	2	2	2	3	4	4	3	7	4	5	6	3	4
20	3	1	0	1	0	3	4	4	4	2	2	2	3	2	3	2	3	3	4	3	4	4	4	4	3
21	4	3	3	3	2	3	3	4	6	****	4	6	3	2	2	0	0	0	0	0	0	0	0	0	2
22	1	2	0	2	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	1	1	1	0	2	1
23	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	3	1	1	1	1	2
24	1	1	2	2	1	2	3	4	2	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1
25	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1	2	3	11	13	6	12	14	5	3
26	3	4	3	4	3	5	5	8	8	11	****	4	1	3	2	3	6	5	9	14	11	12	11	7	6
27	-	1	2	2	1	1	2	3	3	2	2	1	1	0	1	0	0	2	0	0	0	0	1	0	1
28	0	0	0	0	0	0	0	1	2	0	***	1	2	2	2	2	2	2	3	3	2	3	4	3	1
29	3	4	2	3	2	1	0	2	1	0	0	1	0	1	0	0	1	3	5	7	5	5	4	3	2
30	2	5	4	0	2	3	2	0	2	2	2	3	1	0	1	0	3	3	4	2	2	2	2	2	2
MEAN	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	3	3	3	3	3	4	1.1

PERCENTAGE OF DATA VALID - 99.0

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - 0.1 COMS/1000 FT											
STATION - NE NO 77075 KENNEDY ST NEW SUDBURY														MONTH - DEC 80											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	0	0	0	0	1	8	6	----	3	2	2	1	1	4	2	7	8	12	13	6	1	0	4
2	0	0	0	0	0	0	0	0	2	0	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	3	2	3	3	0	2	3	3	1
4	3	3	3	2	2	2	1	1	1	0	0	0	0	1	2	1	5	4	4	10	4	-	4	2	2
5	1	0	0	0	0	0	0	0	2	1	2	0	0	0	2	0	2	5	9	5	10	4	7	4	2
6	1	2	0	2	0	0	0	1	2	4	2	1	2	1	1	2	3	2	1	2	4	2	2	4	2
7	3	2	1	2	2	2	2	2	3	3	2	2	3	2	1	2	3	0	0	0	0	0	0	0	2
8	1	1	0	0	0	0	0	2	4	5	-	4	4	3	2	2	1	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	3	3	5	2	0	2	0	0	0	0	1	2	2	2	-	-	-	0	2
10	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	3	6	1
11	5	5	2	2	2	0	0	1	3	0	0	1	0	3	2	3	6	6	10	7	-	-	-	8	3
12	8	11	9	7	6	4	3	3	4	3	2	----	2	0	2	2	3	5	5	4	5	1	2	2	4
13	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	2	3	5	4	2	2	3	4	2	2
14	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	6	8	9	8	9	15	10	6	3
15	2	1	1	0	0	0	0	0	2	2	7	0	4	1	0	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	3	0	0	0	0	0	0	0	0	0
17	2	0	2	2	0	2	3	7	12	11	4	2	2	2	1	1	2	2	2	0	0	1	1	1	3
18	1	0	0	0	0	0	0	2	3	2	1	1	1	1	0	1	3	4	2	1	0	-	-	-	1
19	0	0	0	0	0	0	0	0	2	0	2	0	-	-	2	4	4	9	9	10	8	6	6	7	3
20	10	10	5	2	3	0	0	0	5	7	0	0	2	2	3	3	4	7	12	5	3	3	3	2	4
21	2	2	2	2	0	2	0	2	3	7	2	1	1	2	3	2	6	8	10	19	13	11	6	8	5
22	12	10	5	5	5	6	5	6	7	----	3	2	2	1	2	2	2	3	2	2	2	2	2	0	4
23	2	1	1	1	2	1	2	2	4	3	4	5	4	4	3	5	5	3	3	3	5	0	0	0	3
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	4	3	3	2	4	1
25	3	4	3	3	4	4	2	3	3	4	10	6	4	3	4	3	3	6	2	2	3	4	2	2	4
26	1	1	3	1	0	0	0	2	2	3	1	2	1	0	1	0	0	0	0	0	0	0	0	0	1
27	1	0	0	0	0	0	0	0	0	2	2	1	0	0	0	2	6	10	6	5	7	7	3	2	2
28	2	1	2	2	2	2	2	1	2	1	2	2	2	3	3	3	4	4	5	4	6	4	4	3	1
29	3	3	3	2	2	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	2	0
31	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	1	2	1	4	3	6	-	-
MEAN	2	2	1	1	1	1	1	2	2	2	2	1	1	1	1	2	3	4	3	4	3	3	2	3	2.0

PERCENTAGE OF DATA VALID - 97.6

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. ** INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 COMS/1000 FT

STATION - NE NO 77075

KENNEDY ST NEW SUDBURY

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	0.9	4	16
FEB	29	1.3	3	12
MAR	31	1.4	3	13
APR	30	0.8	3	8
MAY	31	0.9	2	8
JUN	30	0.7	3	13
JUL	31	0.7	2	10
AUG	31	0.7	2	6
SEP	30	0.6	2	8
OCT	31	1.2	4	13
NOV	30	1.8	6	14
DEC	31	2.0	5	19
YEAR	366	1.1	6	19

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1980

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - 0.1 CONCS/1000 FT

STATION - NE NO 77075

KENNEDY ST NEW SUDBURY

MONTH	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	707	30	1	1	0	0	0	739
FEB	639	42	2	0	0	0	0	683
MAR	683	55	1	0	0	0	0	739
APR	692	18	0	0	0	0	0	710
MAY	728	8	0	0	0	0	0	736
JUN	702	9	1	0	0	0	0	712
JUL	725	11	0	0	0	0	0	736
AUG	722	6	0	0	0	0	0	728
SEP	706	8	0	0	0	0	0	714
OCT	680	39	3	0	0	0	0	722
NOV	644	57	12	0	0	0	0	713
DEC	634	83	10	1	0	0	0	728
YEAR	8262	366	30	2	0	0	0	8660

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT					98	99	MAX	ARITH MEAN
				50	70	90	95					
98.6	0	0.0	0.0	0.0	1.1	2.7	5.9	5.9	7.7	19		1.1

NORMAL END OF JOB

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